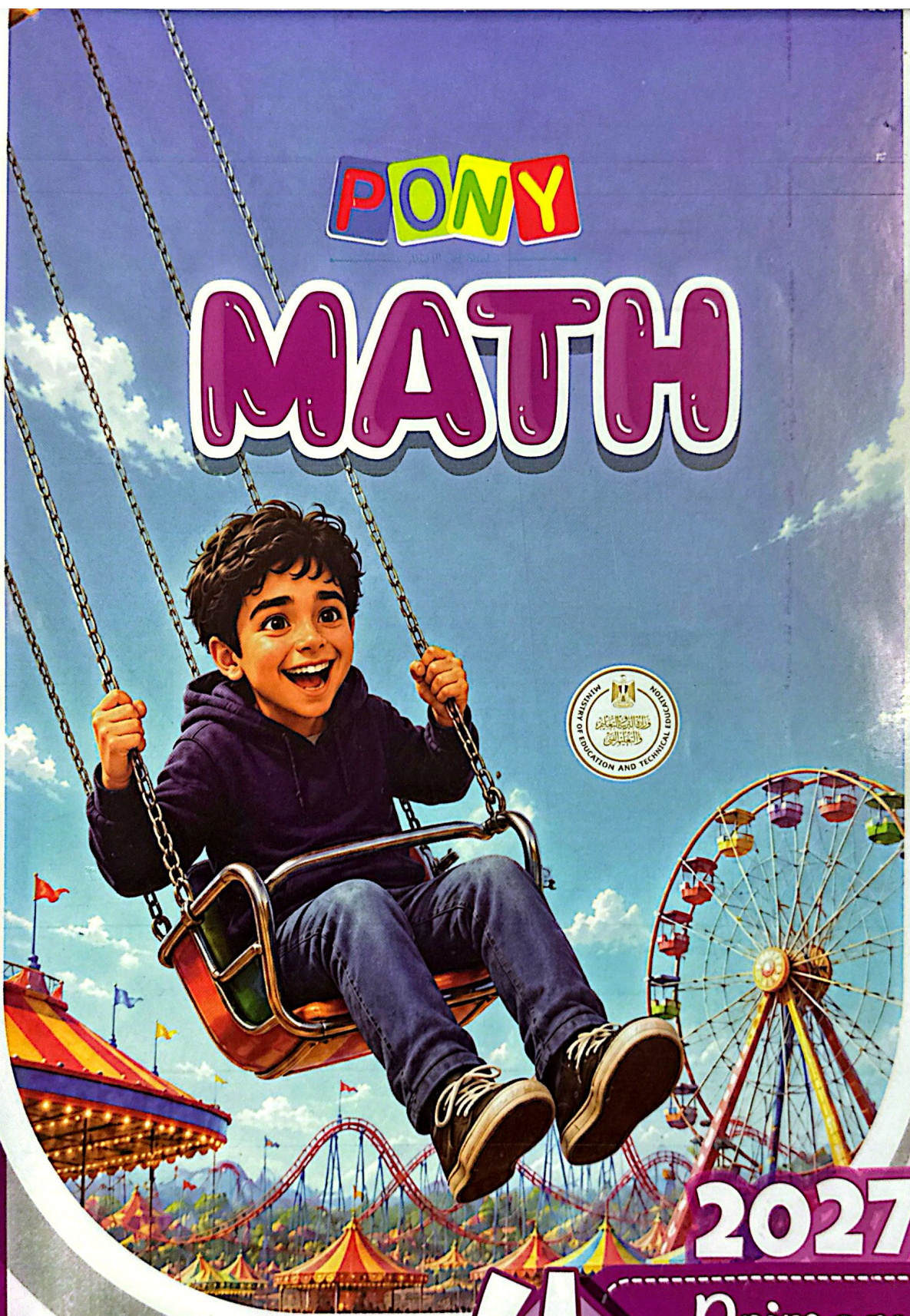


PONY

MATH



2027

Final Revision,
Exams, & Answers

4th

Primary
First Term

By Mohamed Nasreldin



سلسلة كتب الاستاذ

Math

Final Revision & Exams & Answers



Primary

First Term

Mohamed Nasreldin

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FINAL REVISION

ON THEME 1

Unit 1

First: Choose the correct answer:

- 1 The place value of digit 7 in the number 13,705,862 is

a ten thousand	b hundred thousand
c ten million	d million
- 2 The place value of digit 5 in the number 34,851,723 is

a Ten thousand	b hundred thousand
c ten million	d million
- 3 The place value of digit 8 in the number 28,712,340 is

a ten thousand	b hundred thousand
c ten million	d million
- 4 The standard form for the number 4 million, 167 thousand, 235 is

a 4,167,532	b 4,235,167	c 4,167,235	d 4,067,235
-------------	-------------	-------------	-------------
- 5 The standard form for the number 8 million, 459 thousand, 567 is

a 8,567,459	b 8,675,459	c 8,945,45	d 8,459,567
-------------	-------------	------------	-------------
- 6 The standard form for the number 7 million, 424 thousand, 218 is

a 7,218,424	b 7,244,218	c 7,424,218	d 7,218,424
-------------	-------------	-------------	-------------
- 7 < 1,789,200

a 1,879,222	b 1,897,225	c 1,978,100	d 1,675,800
-------------	-------------	-------------	-------------

Final Revision

8 > 3,638,400

- a 3,638,200 b 3,638,400 c 3,638,700 d 3,63 7,400

9 < 8,900,536

- a 8,900,563 b 8,567,900 c 8,999,700 d 8,901,400

10 3 million, 780 thousand, 400 is greater than

- a 3,780,500 b 3,400,870 c 3,800,400 d 8,134,004

11 3 million, 158 thousand, 780 is greater than

- a 3,158,978 b 3,158,870 c 3,158,640 d 3,999,000

12 5 million, 129 thousand, 500 is less than

- a 5,127,532 b 5,500,127 c 2,530,129 d 5,027,235

13 The smallest number from the following numbers is

- a 63,254 b 63,524 c 63,452 d 63,123

14 The standard form for the number 5 million, 454 thousand, 216 is

- a 5,218,424 b 5,454,216 c 5,424,218 d 5,218,424

15 The place value of digit 3 in the number 13, 705,862 is

- a ten thousand b hundred thousand
c ten million d million

Second: Answer the following questions:

1 Write the Standard form of the number: $5,000,000 + 22,000 + 170$.

.....
.....

- 2 Write the Standard form of the number:

One million, six hundred thousand, two hundred and ninety-nine.

.....

.....

- 3 Write the word form of the number: 59,001,438.

.....

.....

- 4 Decompose the number 3,506,124.

.....

- 5 Write 10 times the number 4,567.

.....

- 6 Write 10 times the number 7,348.

.....

- 7 Write 10 times the number 9,518.

.....

- 8 Decompose the number 3,540,963.

.....

- 9 Decompose the number 8,342,760.

.....



Final Revision

- 10 Determine which is smaller: 5 million, 100 thousand and 16 or 3,175,640.

- 11 Determine which is greater:

The number: 5,564,600 Or the number: 15 million, 600 thousand, 564.

- 12 Determine which is smaller: one million, 146 thousand, 540 Or 1,164,540.

- 13 Arrange the following numbers in a descending order:

74,423 , 42,347 , 74,342 , 42,734

- 14 Arrange the following numbers in an ascending order:

Eight million, thirty-four thousand and two hundred twenty-six,

8,373,000, $(5,000,000 + 30,000 + 7,000 + 30)$, 5,127,300.

Order: , ,

- 15 Arrange the following numbers in an ascending order:

45,890 , 80,534 , 45,980 , 80,543

Order: , , ,

- 16 Arrange the following numbers in a descending order:

5,657,100 , seven hundred thousand and six hundreds,

7,500,000 , $(5 \times 1,000,000) + (8 \times 100)$

Order: _____ , _____ , _____

- 17 Arrange the following numbers in a descending order:

12,789 , 14,345 , 14,365 , 12,345

Order: _____ , _____ , _____

- 18 Arrange the following numbers in an ascending order:

6,105,000, one million, four hundred eighty thousand and five hundreds,

4,375,100 , $(1,000,000 + 80,000 + 5,000)$

Order: _____ , _____ , _____

- 19 Find the result of: $14,358 + 22,168$.

- 20 Find the difference between the two numbers: 5,921 and 3,088.

Unit 2

First: Choose the correct answer:

1 $34 + 66 = \dots\dots\dots + 34$

- a 43 b 34 c 66 d 32

2 $95 + 0 = \dots\dots\dots$

- a 950 b 590 c 95 d 5

3 $17,184 + 19,368 = \dots\dots\dots$

- a 36,542 b 36,552 c 36,524 d 36,425

4 $22,516 + 36,923 = \dots\dots\dots$

- a 34,959 b 43,599 c 59,943 d 59,439

5 $34,901 + 26,356 = \dots\dots\dots$

- a 75,621 b 57,621 c 61,527 d 61,257

6 $65 + 48 = \dots\dots\dots + 65$

- a 48 b 65 c 56 d 84

7 If: $m = 3,452 - 1,267$, then $m = \dots\dots\dots$

- a 2,215 b 2,155 c 2,185 d 2,158

8 If: $a + 125 = 300$, then $a = \dots\dots\dots$

- a 275 b 270 c 225 d 175

9 If $m = 4,352 - 2,267$, then $m = \dots\dots\dots$

- a 2,085 b 2,805 c 2,508 d 227

10 If: $a + 128 = 400$, then $a =$

a 226

b 225

c 272

d 2,115

11 if $m = 5,442 - 2,157$, then $m =$

a 2,583

b 2,385

c 3,285

d 3,385

12 If: $a + 345 = 700$, then $a =$

a 535

b 355

c 553

d 335

13 If: $a + 175 = 300$, then $a =$

a 275

b 225

c 125

d 175

14 $75 + 38 =$ + 75

a 38

b 75

c 46

d 94

15 if $m = 6,442 - 3,157$, then $m =$

a 2,583

b 2,385

c 3,285

d 3,385

Second: Answer the following questions:

1 Find the value of the following using the properties of addition operations showing the used property:

a $24,700 + 0$

b $85 + 12 + 15$

c $33,564 + 0$

.....
.....

Final Revision

- 2** Mohamed bought a TV for 16,523 pounds and a fridge for 38,372 pounds. Find the sum of pounds he paid.

- 3** Find the actual result, then complete the estimation to find the result after rounding to the nearest thousand: $56,253 + 22,462$.

- 4** Salem bought a washing machine for 25,355 pounds and a fridge for 36,183 pounds. Calculate the total amount Salem paid.

- 5** Hossam bought a bedroom for 38,300 pounds and a living room for 29,500 pounds. Calculate the total amount Hossam paid.

- 6** Find the actual result, then complete the estimation to find the result after rounding to the nearest thousand: $45,902 + 38,164$.

- 7 Find the actual result, then complete the estimation to find the result after rounding to the nearest thousand: $74,523 + 12,462$.

.....

.....

- 8 Find the value of X in the opposite bar model.

.....

.....

7,870	
X	4,210

- 9 Find the value of X in the opposite bar model.

.....

.....

7,620	
X	5,104

- 10 Find the value of X in the opposite bar model.

.....

.....

6,850	
X	4,104

- 11 If: $A + 546 = 800$, find the value of A.

.....

- 12 If: $A + 636 = 800$, find the value of A.

.....

Final Revision



13 If: $A + 636 = 800$, find the value of A.



14 A bakery sold 1,232 pieces of Zalabia in one day. If the shop sold 876 pieces in the morning. How many pieces did he sell during the rest of the day?



15 A bakery sold 1,753 pieces of Zalibla in one day. If the bakery sold 678 pieces in the morning. How many pieces did he sell during the rest of the day?



16 A bakery sold 1,464 pieces of Zalabia in one day. If the bakery sold 789 pieces in the morning. How many pieces did he sell during the rest of the day?



17 Mohammed bought 3 boxes of colored pens, each box containing 12 pens, and gave 6 pens to his friend. How many pens does he have left?



- 18 In the school library, there are 345 books. The parents donated more 128 books to the library. If the library lent out 97 books. How many books are left in the library?



- 19 There are two buses to transport the school students, the first has 45 students, and the second has 38 students. At one of the stations, 9 students got off the first bus and got on the second. How many students will be on the first bus now?



- 20 A train has 5,325 passengers, if 1,243 passengers get off at one of the stations. What is the number of passengers remaining on the train?



Unit 3

 First: Choose the correct answer: 1 66 Km = meter a 660

b 66,000

c 6,600

d 660,000

2 70 Km = meter

a 700

b 7,000

c 70,000

d 700,000

 3 33 Km = Meter

a 330

b 3,300

c 3,000

d 33,000

 4 190 minutes = 3 hours minutes

a 10

b 20

c 30

d 40

5 3 minutes, 20 seconds = seconds

 a 10

b 200

c 202

d 2,000

6 4 hours = minutes

a 24

b 42

c 240

d 420

 7 420 cm =

a 42 m

b 20 m, 4 cm

c 4 m, 20 cm

d 42 cm

 8 7 meters, 20 cm =

a 720m

b 720cm

c 207cm

d 7,020 cm

 9 7 liters+ 620 milliliters = milliliters

a 76,200

b 7,620

c 7,062

d 7,020

10 6 hours, 15 minutes = minutes

- a 75 b 360 c 370 d 375

11 4 : 35 + 55 minutes =

- a 5 : 30 b 90 min c 4 : 30 d 3 : 30

12 6 : 45 AM – 4 : 27 AM =

- a 11 : 12 b 2 : 18 c 2 : 12 d 10 : 18

13 520 cm =

- a 52 m b 20 m, 5 cm c 5 m, 20 cm d 52 cm

14 5 liters + 630 milliliters = milliliters

- a 56,300 b 5,630 c 5,062 d 5,020

15 200 minutes = 3 hours minutes

- a 10 b 20 c 30 d 40

Second: Answer the following questions:

1 A bottle of mineral water has a capacity of 2 liters. What is its capacity in milliliters?

.....

2 The height of the building is 12 meters and 75 centimeters. What is its height in centimeters?

Final Revision



3 If the mass of a watermelon is 5 kilograms and the mass of an orange is 200 grams. What is the difference between the two masses in grams?

.....



4 A juice bottle with a capacity of 3 liters. What is its capacity in milliliters?

.....



5 The height of the building is 11 meters and 35 centimeters. What is its height in centimeters?

.....



6 If the mass of a watermelon is 10 kilograms and the mass of an orange is 300 grams. What is the difference between the two masses in grams?

.....



7 A juice bottle with a capacity of 5 liters. What is its capacity in milliliters?

.....



8 The height of the building is 15 meters and 80 centimeters. What is its height in centimeters?

.....



9 If the mass of a watermelon is 11 kilograms and the mass of an orange is 250 grams. What is the difference between the two masses in grams?

.....



10 How many minutes in three and a half hours?

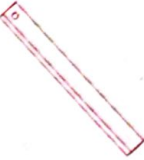
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- 11 A student started studying at 5 : 15 PM and finished at 6 : 10 PM. Calculate the duration the student spent studying in minutes.



20

- 12 A bird flew 25,000 meters equally over five days. What is the distance the bird covers in one day (in meters and kilometers)?



- 13 A container of capacity 15,000 ml was emptied equally into 3 small bottles. What is the amount of water in each bottle in liters?



- 14 A cat of mass 2 kg and its mass increases by 200 grams every week. What will be its mass after five weeks in grams and kilograms?

8

3

- 15 Convert to the units shown, in the following bar models:



632 Centimeter	
..... Meters	 Centimeter

..... Centimeter	
8 Meters	72 Centimeter

72 Kilogram	
..... Kilogram	 gram

..... Kilogram	
6 Tons	40 Kilogram

2



Final Revision

16 If the depth of the ant hill is 7 meters. How many centimeters is the depth of the ant hill?

.....

.....

17 A fish tank contains 7 liters and 455 milliliters of water. If the tank can hold 11 Liters when completely full. How much water is needed to fill the tank?

.....

.....

18 How many hours are there in 3 days and 15 hours?

.....

.....

19 How many hours are there in 300 minutes?

.....

.....

20 The ant workers left the colony at 7:30 AM and returned at 8 : 45 AM. How long did the ant workers spend searching for food?

.....

.....

Exercises for 1st Month

First: Choose the correct answer:

1 The digit that lies in ten thousand in the number 835,761 is

- a 8 b 5 c 6 d 3

2 $7,000 + 500 + 20 + 6 =$

- a 7,256 b 70,526 c 5,762 d 7,526

3 $625,132 <$

- a 615,132 b 625,432 c 605,999 d 625,104

4 $85,792 \approx$ (To the nearest thousand)

- a 86,000 b 86,700 c 85,800 d 85,000

5 From the following bar model, the value of a =

- a 16,600 b 8,400
c 7,400 d 8,000

12,000	
a	4600

6 The best unit for measuring the length of the Nile River is

- a millimeter b centimeter c meter d kilometer

7 $9 \text{ kg} =$ gm

- a 9,000 b 90,000 c 900,000 d 9,000,000

8 The standard form of the number: five milliards, thirty-two thousand and fifteen

- a 53,215 b 5,320,015 c 5,000,032,01 d 5,032,015

Final Revision



9 $420 \text{ cm} = \dots\dots\dots$

a 42 m

b 20 m, 4 cm

c 4 m, 20 cm

d 42 cm



10 7 meters, 20 cm $\dots\dots\dots$

a 720 m

b 720 cm

c 207 cm

d 7,020 cm



11 7 liters + 620 milliliters = milliliters

a 76,200

b 7,620

c 7,062

d 7,020



12 6 hours, 15 minutes = $\dots\dots\dots$ minutes

a 75

b 360

c 370

d 375



13 $4 : 35 + 55 \text{ minutes} = \dots\dots\dots$

a 5 : 30

b 90 min

c 4 : 30

d 3 : 30



14 $6 : 45 \text{ AM} - 4 : 27 \text{ AM} = \dots\dots\dots$

a 11 : 12

b 2 : 18

c 2 : 12

d 10 : 18



15 A square is of perimeter 24 cm, then its side's length = $\dots\dots\dots$

a 6

b 8

c 7

d 9



Second: Answer the following:

1 Write the place value and the value of the digit 3 in the number 34,510,289.

$\dots\dots\dots$

2 Write the greatest and the smallest number that can be formed from the digits:
6, 0, 5, 1, 8 and 7.

$\dots\dots\dots$



- 3 What is the number that equals 10 times the number 2,352?

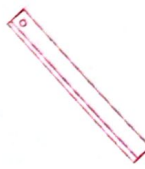
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- 4 Write the word form of the number 4,135.

.....

.....



- 5 Write 2,354,125 in expanded form.

.....

.....



- 6 Decomposed the number: 6.19 in two different ways.

.....

- 7 Compose a number that makes the comparison true: $230,650,800 < \dots$



- 8 Arrange the numbers in a descending order:

21,050 . 23,020 . 21,051 . 23,200 . 21,978

The order is:



- 9 Write the missing number and state the property used: $5,895 + 0 = \dots$

- 10 Write the missing number and state the property used:

$$(8 + \dots) + 6 = 8 + (2 + 6)$$

.....



- 11 Use the properties of addition to find the result while mentioning the property (properties) used: $14 + 8 + 16 + 12$.

.....



Final Revision



- 12 Ants formed two bridges. The first bridge consists of 154 ants. The second bridge consists of 134 ants. What is the total number of ants on both bridges?





- 13 Two ant colonies contain 345,000 ants and 9,300 ants. What is the difference between the number of ants in the two colonies?





- 14 Create a Bar Model: $b - 42,300 = 35,600$. Then solve the problem.



- 15 Read the following problem, create a bar model and an equation to solve it. There are 30,000 ants in the colony of which 16,000 are female and the rest are male. What is the number of male ants in the colony?





- 16 Convert to the units shown in the following bar models:

632 Centimeter	
..... Meters	 Centimeter

..... Centimeter	
8 Meters	72 Centimeter

1,365 Kilogram	
..... Kilogram	 gram

..... Kilogram	
6 Tons	40 Kilogram

- 17 If the depth of the ant hill is 7 meters. How many centimeters is the depth of the ant hill?



- 18 A fish tank contains 7 liters and 455 milliliters of water. If the tank can hold 11 liters when completely full. How much water is needed to fill the tank?



- 19 How many hours are there in 3 days and 15 hours?



- 20 How many hours are there in 300 minutes?



Unit 4

First: Choose the correct answer:

1 If a square has a perimeter of 24 cm, then its side's length =

- a 6 b 8 c 7 d 9

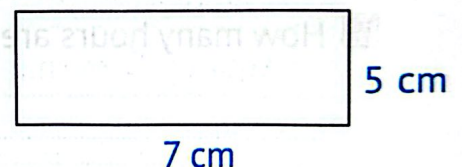
2 A rectangle has an area of 36 cm^2 and length 9 cm, then its width = cm.

- a 6 b 4 c 8 d 9

3 If a rectangle has length 7 cm and width 5 cm, then its area = cm^2 .

- a 35 b 12

- c 28 d 57



4 A square garden has perimeter of 44 meter, then the length of its side = meter.

- a 10 b 4 c 11 d 7

5 The perimeter of a square is 12 cm, so its area equals cm^2 .

- a 3 b 48 c 9 d 144

Second: Answer the following questions:

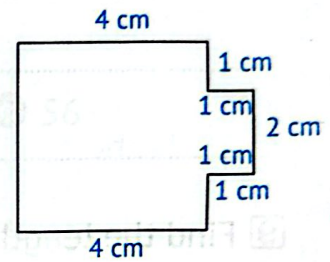
1 A rectangular swimming pool has 12 m length and 8 m wide. Calculate its perimeter.

.....

.....

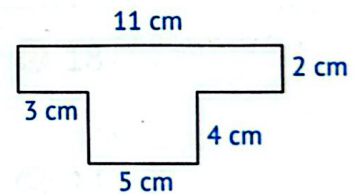
- 2 Which is greater, the area of a rectangle with dimensions 4 cm, 6 cm or the area of a square with side's length 7 cm?

- 3 Find the area of the opposite figure.



- 4 Calculate the perimeter of a window in a shape of a square with side length 50 cm.

- 5 Find the area of the opposite figure.



- 6 Which is greater, the area of a rectangle with dimensions 3 cm, 7 cm or the area of a square with side's length 5 cm?

Final Revision

- 7 A frame is a shape of a square of area 49 cm^2 , find the side length of the frame.

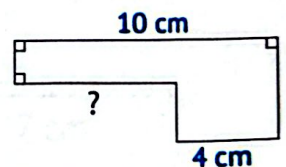
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- 8 Which is greater, the area of a rectangle with dimensions 9 cm, 3 cm or the area of a square with side's length 6 cm?

.....
.....

- 9 Find the length of the missing side's length in the opposite figure:

.....
.....
.....





FINAL REVISION ON THEME 2

Unit 5

First: Choose the correct answer:

- 1 36 equals times the number 9.
a 3 b 4 c 6 d 27
- 2 4 times the number 7 =
a 3 b 11 c 28 d 56
- 3 5 times the number 4 =
a 9 b 20 c 45 d 40
- 4 The number that equals 3 times the number 7 is
a 4 b 10 c 21 d 20
- 5 45 = times the number 5
a 4 b 5 c 9 d 20
- 6 The number that equals 6 times the number 3 is
a 24 b 9 c 6 d 18
- 7 $\times 3 = 3 \times 8$
a 8 b 5 c 11 d 24
- 8 $(2 \times 5) \times 7 = 2 \times (\text{.....} \times 7)$
a 2 b 5 c 7 d 10
- 9 $5 \times 7 = \text{.....} \times 5$
a 5 b 12 c 7 d 35
- 10 $(4 \times 5) \times 3 = 4 \times (\text{.....} \times 3)$
a 3 b 4 c 5 d 20
- 11 $\times 4 = 4 \times 9$
a 5 b 9 c 13 d 36

Final Revision



12 $(4 \times 2) \times 6 = 4 \times (\dots \times 6)$

a 2

b 4

c 6

d 8



13 32 equals times the number 8

a 3

b 4

c 6

d 27



14 The number that equals 9 times the number 3 is

a 24

b 9

c 27

d 18



15 $(6 \times 7) \times 8 = 6 \times (\dots \times 8)$

a 7

b 4

c 5

d 42



Second: Answer the following questions:



1 Compare the two numbers 5 and 30.

.....

.....



2 Find the value of b : $b \times 8 = 24$.

.....

.....



3 Mona read 8 pages of a book yesterday, and then today she read 6 times what she read yesterday. Form an equation and solve it to find out how many pages Mona read today.

.....



4 Compare the two numbers 2 and 18.

.....

5 Find the value of $d : 6 \times d = 42$.



6 Mohamed ate 3 oranges in a week, and his brother Ahmed ate 8 times. What Mohamed ate in the same week. Form an equation and solve it to find the number of oranges that Ahmed ate.



7 Compare the two numbers 6 and 42.



8 If $7 \times a = 28$, find the value of a .



9 A box contains 3 red apples and a number of green apples. If the number of green apples is 8 times the number of red apples, form an equation and then solve it to find the number of green apples.



10 Find the result of the following: 23×0 .



11 Find the result of the following: 1×245 .



12 Find the result of the following: 456×0 .



Final Revision



- 13 Using the associative and commutative properties, find the result of:

$$15 \times 2 \times 6.$$



- 14 Using the associative and commutative properties, find the result of:

$$5 \times 4 \times 6.$$



- 15 Using the associative and commutative properties, find the result of:

$$5 \times 4 \times 7.$$



1

- 16 Use the decomposing of the multiples of 10, 100, and 1,000 and the associative property in multiplication operation in solving the following questions:

a $5 \times 20 = \dots\dots\dots$ b $3 \times 600 = \dots\dots\dots$ c $2 \times 4,000 = \dots\dots\dots$

d $7 \times 30 = \dots\dots\dots$ e $5 \times 600 = \dots\dots\dots$ f $4 \times 7,000 = \dots\dots\dots$

g $3 \times 20 = \dots\dots\dots$ h $5 \times 300 = \dots\dots\dots$ i $7 \times 2,000 = \dots\dots\dots$

- 17 Ahmed has 18 pens, and he has 3 times the number of pens that Youssef has. How many pens does Youssef have?



- 18 In a garden there is 24 roses and jasmine flowers, if the number of jasmine flowers is double the number of roses. How many jasmine flowers are there?



Unit 6

First: Choose the correct answer:

1 The number is one of the factors of 14.

- a 3 b 5 c 7 d 6

2 The number is a common factor of 12 and 21.

- a 5 b 2 c 3 d 4

3 The number is a composite number.

- a 7 b 12 c 17 d 11

4 The number is a common factor of 32 and 48.

- a 5 b 8 c 6 d 3

5 The prime number, the sum of its factors equals 12 is

- a 7 b 5 c 13 d 11

6 5, 10, 15 are multiples of the number

- a 2 b 4 c 5 d 8

7 The common multiples of 4 and 8 are

- a 10 b 13 c 16 d 30

8 4, 8, 12 are multiples of the number

- a 3 b 4 c 5 d 7

9 The common multiples of 3 and 7 are

- a 9 b 14 c 21 d 28

Final Revision



10 2, 4, 6 are multiples of the number

a 2

b 3

c 4

d 6



11 The common multiples of 4 and 8 are

a 10

b 12

c 24

d 30



12 The number is one of the factors of 24.

a 9

b 5

c 7

d 6



13 The number is a common factor of 14 and 21.

a 5

b 2

c 7

d 4



14 The number is a composite number.

a 14

b 19

c 17

d 11

1

Second: Answer the following questions:

1 Find the factors of 24 using the factor Rainbow Strategy.

.....

2 Is 6 a factor of 72? How do you know?

.....

.....

3 Write all the factors of 19 and 27, then state whether the numbers are prime or composite?

.....

.....

- 4 Write all factors of 14 and 21, then write the common factors of them.

.....

.....

.....

- 5 Find the GCF for each pair of numbers:

a 12 and 20

b 16 and 24

.....

.....

- 6 Write 2 common multiples for the two numbers 4 and 5 between the numbers 11 and 49.

.....

.....

- 7 Write the multiples of number 6 less than 36.

.....

.....

- 8 Write the multiples of number 10 between 15 and 84.

.....

.....

Final Revision



9 Write the mathematical relationship between the two numbers 3 and 15.



10 Write the mathematical relationship between the two numbers 20 and 5.



11 Write the common multiples of 6 between 5 and 40.



12 Write 5 common multiples of 2 and 4.



13 Write the mathematical relationship between the two numbers 6 and 24.



14 Write the multiples of 4 between 6 and 24.



- 15 Write 5 common multiples of 3 and 6.



- 16 Write the mathematical relationship between the two numbers 5 and 25.



- 17 Write the common multiples of 5 between 4 and 50.



- 18 Write 3 common multiples of 3 and 4.



- 19 Write the mathematical relationship between the two numbers 6 and 30.



- 20 Find the GCF of 6 and 18.



Exercises for 2nd Month

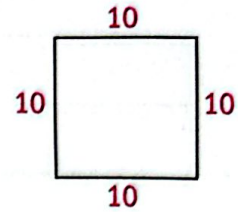
First: Choose the correct answer:

- 1 32 equals times of 8.
 a 3 b 4 c 5 d 6
- 2 The number is one of the factors of 14.
 a 3 b 5 c 6 d 4
- 3 The area of the square of side length 8 cm equals cm^2 .
 a 36 b 49 c 64 d 81
- 4 The number is a composite number.
 a 7 b 12 c 11 d 17
- 5 The rectangle whose length is 7 cm and width 4 cm, then its perimeter equals cm.
 a 22 b 28 c 11 d 14
- 6 The number is a common factor of 12 and 21.
 a 5 b 2 c 3 d 4
- 7 The number is a common factor of 32 and 48.
 a 5 b 8 c 6 d 3
- 8 $136 \times 0 =$
 a 1,360 b 136 c 0 d 13,600
- 9 The equation that represents: 36 equals 4 times a number is
 a $a = 4 \times 36$ b $4 = a \times 36$ c $36 = 4 \times a$ d $a = 36 + 4$
- 10 The area of a rectangle whose dimensions are 30 cm, 9 cm = cm^2 .
 a 270 b 39 c 78 d 210

Second: Answer the following:

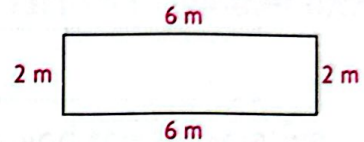
- 1 Calculate the perimeter of the opposite square.

.....



- 2 Calculate the perimeter of the opposite rectangle.

.....



- 3 Draw two different rectangles each of them is with area 42 cm^2 , and write the length and the width on each rectangle.

.....

- 4 A rectangle whose area is 40 cm^2 and its width is 5 cm. Calculate its length and its perimeter.

.....

- 5 If the perimeter of a square equals 20 cm. Calculate its side length and its area.

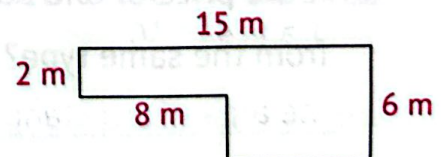
.....

- 6 A frame in a shape of a square has an area of 49 cm^2 . What is the length of one side of the frame? What is its perimeter?

.....

- 7 Find the perimeter of the following figure:

.....



Final Revision



- 8 Use a Bar Chart to compare the numbers 20 and 5.



- 9 Use a multiplication fact to compare the numbers 12 and 2.

- 10 If: $a \times 2 = 22$. Find the value of a .

- 11 The car has 4 seats, and the bus has 28 seats. How many times does the number of bus seats equal the number of car seats? Write an equation to compare them, then solve it.

- 12 Use the commutative property in multiplication to find the value of a :

$$5 \times a = 7 \times 5$$

- 13 If the price of one book is 55 pounds, then what is the price of 100 books from the same type?

14 Write 3 common factors for each pair of numbers:

a 4, 2

b 6, 5

.....

.....

15 Find the result using the Associative property: $3 \times 9 \times 2 =$

(You can write the factors in another order)

.....

16 Use the decomposing of the number into its factors and the associative property in multiplication to solve the question: $3 \times 70 =$

.....

.....

17 How many tens are there in the number 180?

.....

18 Use the decomposing of the number into its factors and the associative property in multiplication to solve the question: $6 \times 9,000 =$

.....

19 Find the factors of 24 using the factor Rainbow Strategy.

.....

20 Is 6 a factor of 72? How do you know?

.....

.....

21 Write all the factors of 19 and 27, then state whether the numbers are prime or composite?

.....

.....



Unit 7

**First: Choose the correct answer:**

1 $942 = 2 + \dots + 900$

a 4

b 40

c 400

d 4,000

2 $\dots \times 4 = (300 \times 4) + (50 \times 4) + (7 \times 4)$

a 735

b 573

c 357

d 375

3 $139 = 100 + \dots + 9$

a 3

b 30

c 300

d 3,000

4 $\dots \times 2 = (400 \times 2) + (70 \times 2) + (3 \times 2)$

a 347

b 473

c 743

d 437

5 $568 = 500 + \dots + 8$

a 6

b 60

c 600

d 6,000

6 $\dots \times 6 = (100 \times 6) + (90 \times 6) + (5 \times 6)$

a 591

b 951

c 915

d 195

7 The estimation of the product: 673×4 , using front-end strategy.

a 2,800

b 2,400

c 280

d 240

8 $60 \times 60 = \dots$

a 36

b 36,000

c 3,600

d 360

9 The estimation of the product: 875×3 , using front-end strategy.

a 2,700

b 2,400

c 270

d 240

10 $50 \times 50 = \dots$

a 250

b 100

c 25

d 2,500

11 The estimation of the product: 475×6 , using front-end strategy.

- a 3,000 b 2,400 c 300 d 240

12 $70 \times 70 =$

- a 140 b 490 c 4,900 d 49,000

13 The missing number in the area model is

- a 294 b 6
c 230 d 42

7	1400	210	42
	200	30	

14 $250 \div 5 =$

- a 5 b 50 c 500 d 245

15 The missing number in the area model is

- a 920 b 8
c 5 d 40

8	800	70	40
	100	10	

16 $210 \div 7 =$

- a 3 b 30 c 300 d 280

17 The missing number in the area model is

- a 636 b 10
c 3 d 30

3	600	30	6
	200		2

18 $3,200 \div 8 =$

- a 4 b 400 c 4,000 d 40

19 $240 \div 8 =$

- a 3 b 30 c 300 d 280

20 $70 \times 60 =$

- a 2,400 b 420 c 4,200 d 4,000

Final Revision



Second: Answer the following questions:

1 Use the area model to find the product: 36×7 .

.....
.....

2 Use the-distributive property to find the product: 246×2 .

.....
.....

3 Use the Partial Products Algorithm strategy to find the product: 375×4 .

.....
.....

4 Use the area model to find the product: 52×6 .

.....
.....

5 Use the distributive property to find the product: 324×3 .

.....
.....

6 Use the Partial Products Algorithm strategy to find the product: 437×5 .

.....
.....

7 Use the area model to find the product: 46×8 .

.....
.....

- 8 Use the distributive property to find the product: 435×4 .



- 9 Use the Partial Products Algorithm strategy to find the product: 754×3 .



- 10 Find the result: $492 \div 4$.



- 11 Find the result: 158×3 .



- 12 Aya paints pictures and sells them at art exhibitions. Aya sold 6 paintings, and if the price of each painting is 275 pounds. How much did Aya earn from the paintings she sold?



- 13 Find the result: $545 \div 5$.



Final Revision

14 Find the result: 198×6 .

15 Hossam wants to know the number of tires in 532 cars, each car has 4 tires. What is the total number of tires in the cars?

16 Find the result: 503×8 .

17 Write the common multiples of 5 between 4 and 50.

18 A hotel has 6 floors; each floor contains 214 rooms. How many rooms are there in a hotel?

19 $396 \div 3 =$

20 Find the quotient: $456 \div 4$.

- 21 A hotel has 864 rooms distributed equally among 8 floors. How many rooms are there on each floor?

- 22 If the number of car tires in the garage of one of the malls is 532 tires, and if each car has 4 tires. How many cars are in the garage?

- 23 A train has 784 seats for passengers. If the train consists of 7 carriages and each carriage has the same number of seats. How many passengers are in each carriage?

- 24 Find the quotient and the remainder, if: (Check your answer)

a $4,059 \div 3$

b $652 \div 9$

- 25 Samir has 452 pounds that he wanted to distribute equally among 4 of his friends. What is the share of each of them? (Check your answer).



Unit 8



First: Choose the correct answer:

1 When dividing 834 by 3, the quotient will be between and

- a 100, 200 b 200, 300 c 50, 100 d 300, 400

2 $2 + 4 \times 6 =$

- a 26 b 38 c 20 d 12

3 When dividing 346 by 5, the quotient will be between and

- a 60, 70 b 80, 90 c 5, 10 d 30, 40

4 $8 \times 3 + 6 =$

- a 72 b 30 c 66 d 17

5 To find the result of: $24 - 10 + 15 + 3$, you must start with the operation.

- a addition b subtraction c multiplication d division

Second: Answer the following questions:

1 Find the result: $3 \times (7 + 3) + 5$.

.....

.....

2 Find the result: $3 \times 4 + 6$.

.....

.....

3 Follow the order of the mathematical operations to find the value of each of the following:

a $8 + 10 + 2 - 1$

b $20 + 20 + 5$

.....

.....

- 4 Follow the order of the mathematical operations to find the value of each of the following:

a $6 \times 2 + (30 + 6)$

b $9 + 2 \times (15 + 5)$

- 5 Find the result: $15 + 5 + 4 - 1$.

- 6 Find the result: $8 \times 2 + 24 - 12$.

- 7 Abdullah likes collecting stamps and has obtained 241 stamps. He keeps 25 stamps and wants to distribute the remaining ones equally among 6 of his friends. How many stamps will each friend get?

- 8 Find the result: $7 + 70 + 10 - 2$.

- 9 Find the result: $99 - 10 \times 9 + 7$.

- 10 Maha walked 14 km for two weeks and in the third week she walked a distance of 5 km. How many kilometers did she walk during those three weeks in meters?



EXAMS

1 Cairo Governorate – Educational District

First: Choose the correct answer:

1 The standard form of 4 million, 167 thousands, 235 is

- a 4,167,532 b 4,235,163 c 4,167,235 d 4,067,235

2 If $A + 345 = 700$ then $A =$

- a 535 b 355 c 553 d 335

3 $9 \times 4 = 4 \times$

- a 5 b 9 c 13 d 36

4 5, 15, 10 are multiples of

- a 4 b 5 c 2 d 8

5 $60 \times 60 =$

- a 36 b 360 c 3,600 d 36,000

6 $8 \times 3 + 6 =$

- a 72 b 30 c 66 d 17

7 3 m, 20 cm = cm

- a 720 m b 320 cm c 207 cm d 7,020 cm

8 Square whose side length is 25 cm then its perimeter =

- a 5 b 20 c 100 d 150

9 3 kg = gram

- a 300 b 30,000 c 3,000 d 30

Second: Answer the following:

1 Estimate 7,578 to the nearest thousands.

.....

2 A train has 5,325 passengers. If 1,243 passengers got off at a station. What is the number of passengers remaining on the train?

.....

3 Find the value of variable in equation $A \times 2 = 22$.

.....

4 Write all factors of numbers 9.

.....

5 Find $250 \div 50 =$

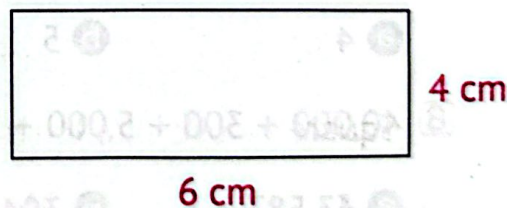
.....

6 How many days in 5 weeks?

.....

7 Find area of the opposite rectangle:

Area of rectangle =



First: Choose the correct answer:

1 $8\text{ L} = \dots \text{ mL}$

a 8

b 80

c 800

d 8,000

2 The value of the digit 9 in the number 960,341 is

a 9

b 90

c 900,000

d 9,000

3 is a multiple of 4.

a 3

b 16

c 9

d 25

4 $192,562 \dots 9,000 + 10,000 + 60 + 600$

a $>$ b $<$ c $=$

d otherwise

5 $56 \div 8 = \dots$

a 5

b 8

c 7

d 9

6 800 tens = thousands

a 8

b 80

c 800

d 8000

7 The polygon which has sides is called pentagon.

a 4

b 5

c 6

d 7

8 $40,000 + 300 + 5,000 + 70 + 8 = \dots$

a 43,587

b 304,587

c 45,378

d 757,853

9 $3 \times 12 = (3 \times 9) + (3 \times \dots)$

a 12

b 3

c 7

d 9

Second: Answer the following:

- 1 A rectangle is 2 m width and 3 m length. Calculate its area.

.....

.....

- 2 Write the name of two polygons each of them has 4 sides. ,

- 3 Find the result of: $8,423 + 1,857 =$

- 4 Find the result of: $7,862 - 3,426 =$

- 5 Write the numbers in an ascending order:

11,012 , 7,234 , 12,011 , 7,235 , 109,001

The order: , , ,

- 6 403,832 in word form:

.....

.....

- 7 Factors of 12 are:

**3 Cairo Governorate – Helwan Educational Zone****First:** Choose the correct answer:

1 The perimeter of square whose side length 5cm is

- a 2×5 b 4×5 c $5 + 5$ d 5×5

2 If $4 \times A = 24$ then $A =$

- a 4 b 5 c 6 d 8

3 Identity element of multiplication Identity element of addition

- a $\leq$ b $>$ c $=$ d $<$

4 4 days = Hours

- a 18 b 24 c 72 d 96

5 The number is a factor of 28.

- a 3 b 4 c 5 d 6

6 45,456 = to the nearest thousand

- a 30,000 b 40,000 c 45,000 d 50,000

7 $10 + 7 = 7 + 10$ is called property.

- a Commutative b Associative
c Identity element of addition d Identity element of Multip

8 $567 = 60 + 7 +$

- a 5 b 50 c 500 d 5,000

9 50 Kg = gm

- a 500 b 5,000 c 50,000 d 500,000

Second: Answer the following:

- ① Shasa bought a piece of cloth of 15 meter long she divided it into 5 pieces equal in length. Find the length of each piece.

Length of each piece =

- ② Find Area of square of side length 4cm.

Area of square =

- ③ Salem bought washing machine for 25,355 L.E. and fridge for 36,183 L.E.

Find the total price.

Total price =

- ④ Write 3 multiples of 2 and 3.

.....

.....

- ⑤ Find the result of $99 - 10 \times 9 =$

.....

.....

- ⑥ 7 Litres + 620 mL = mL.

- ⑦ Find G.C.F. of 6 and 18.

.....

.....

4 Cairo Governorate – Model A**First:** Choose the correct answer:

- 1 is common multiple of 4 and 8.
- a 10 b 12 c 24 d 30
- 2 There are Kilograms in 9,000 gm.
- a 190 b 7 c 90 d 9
- 3 $80 + 199 = 199 + \dots\dots\dots$
- a 199 b 80 c 269 d 400
- 4 The area of the square of side length 9 cm equals cm^2 .
- a 81 b 45 c 36 d 18
- 5 3,600 equals times the number 90.
- a 4 b 40 c 400 d 4,000
- 6 120 seconds = minutes
- a 2 b 3 c 4 d 5
- 7 $65,821 \approx \dots\dots\dots$ (To the nearest thousand)
- a 70,000 b 66,000 c 65,690 d 65,700
- 8 The value of the digit 5 in the number 8,135,712 is:
- a 50 b 8 c 5,000 d 50,000
- 9 If $27 \div 4 = 6, R 3$, then the divisor is
- a 1 b 2 c 4 d 6

Second: Answer the following :

- 1 From the opposite bar model. Find the value of variable (W).

3,895	
W	1,523

W =

- 2 Convert to the units shown on the following bar model.

8,425 ml	
..... Liter	 mL

- 3 A rectangle of length 8 meters and width 6 meters. Find its perimeter.

.....

- 4 Find the quotient of: $428 \div 2 =$

- 5 Find the greatest common factor [G.C.F] of 8 and 12:

.....

- 6 Use the order of operations to find the value of: $4 + (7 - 5) \times 2$.

.....

.....

- 7 List all multiples of 4 up to 20 (except zero).

.....

.....

5 Cairo Governorate – Model B

First: Choose the correct answer:

1 3025 milliliters = liters, 25 milliliters

- a 30 b 3 c 302 d 5

2 $25 + 20 = 20 + 25$ is called a/an property.

- a distribution b additive identity
c commutative d associative

3 The value of x is

- a 242 b 343
c 543 d 500

643	
100	x

4 The perimeter of the square with area 49 cm^2 is cm.

- a 9 b 14 c 28 d 7

5 4 minutes, 20 seconds = seconds

- a 280 b 260 c 240 d 200

6 The smallest odd prime number is

- a 5 b 4 c 3 d 2

7 The value of 6 in the number 56,711,033 is

- a 600 b 6,000 c 6,000,000 d 60,000

8 Rounding the number 6,743,001,551 to nearest milliard is _____

a 8,000,000,000

b 6,700,000,000

c 7,000,000,000

d 6,000,000,000

9 A bakery sold 1,232 pieces of cake in one day. If the bakery sold 876 pieces in the morning, then the number of pieces which are sold in the evening is _____ pieces.

a 2108

b 653

c 520

d 356

Second: Answer the following:

1 Use the distributive property to find the product of: 6×423 .

2 a Write in an ascending order:

8 liters , 5,200 milliliters , 5 liters , 6,000 milliliters

The order: _____ , _____ , _____ , _____

b Find the value of b: $b \times 8 = 24$.

b = _____

3 A rectangular Garden with 10 meters long and 5 meters wide. Calculate its perimeter and area.

Perimeter = _____

Area = _____

Exams



4 Write an equation to represent:

72 equal 8 times a number.

(Use a symbol to represent the unknown number)

Equation:

5 a Use the standard division algorithm to find: $685 \div 5$.

.....

.....

.....

.....

b Evaluate: $220 \div 2 - 24 + 9$.

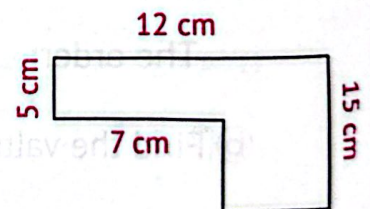
.....

.....

6 Find the area and perimeter of the following figure:

Area =

Perimeter =



7 Find the G.C.F for 16 and 24.

.....

.....

.....

.....

6 Cairo Governorate - East Nasr City

First: Choose the correct answer:

1 The place value of digit 7 in the number 13,705,862 is

- a ten thousand b hundred thousand
 c ten million d million

2 Day and 15 hours = hour.

- a 18 b 24 c 72 d 39

3 43,895 $\approx$ (To the nearest ten thousand)

- a 50,000 b 40,000
 c 44,000 d 40,895

4 $34 + 66 = \dots\dots\dots + 34$

- a 43 b 34 c 66 d 32

5 5 km, 95 m = m

- a 5,095 b 5,000 c 455 d 595

6 A square of perimeter 24 cm, then its side Length = cm

- a 6 b 8 c 7 d 9

7 5, 10, 15 are multiples of the number

- a 2 b 4 c 5 d 8

8 $2 + 4 \times 6 = \dots\dots\dots$

- a 26 b 38 c 20 d 12

9 $\times 4 = (300 \times 4) + (50 \times 4) + (7 \times 4)$

- a 735 b 573 c 357 d 375

Second: Answer the following:

- 1 Write the standard form of the number:

$$5,000,000 + 122,000 + 170$$

- 2 Find the quotient of the division:

$$369 \div 3 =$$

- 3 Find The G.C.F of 6 and 18.

- 4 Find the area of a rectangle whose dimensions are 9 cm and 5 cm.

- 5 Find the product: $198 \times 6 =$ (By using any strategy you prefer)

- 6 Ants formed two bridges. The first bridge consists of 154 ants. The second bridge consists of 134 ants. What is the total number of ants on both bridges?

- 7 Convert to the units shown on the following bar model:

6,120 mL	
6L	 mL

7 Cairo Governorate - Mathematical Department

First: Choose the correct answer:

1 The place value of the digit 8 in the number 28,712,340 is

- ☐ a ten thousands ☐ b hundreds thousands
☐ c ten millions ☐ d millions

2 $95 + 0 =$

- ☐ a 950 ☐ b 590 ☐ c 95 ☐ d 5

3 The number from of the factors of the number 21.

- ☐ a 2 ☐ b 5 ☐ c 6 ☐ d 7

4 $942 = 900 + \dots + 2$

- ☐ a 4 ☐ b 40 ☐ c 4,000 ☐ d 400

5 $43,895 \approx$ (To the nearest ten thousands)

- ☐ a 50,000 ☐ b 40,000 ☐ c 44,000 ☐ d 40,895

6 The number is a common multiple of 4 and 8.

- ☐ a 13 ☐ b 31 ☐ c 16 ☐ d 30

7 66 kilometer = meter

- ☐ a 660 ☐ b 66,000
☐ c 6,600 ☐ d 660,000

8 One hour and 25 minutes = minutes

- ☐ a 70 ☐ b 75 ☐ c 80 ☐ d 85

9 9 liters = milliliters

- ☐ a 900 ☐ b 90 ☐ c 9,000 ☐ d 90,000

Second: Answer the following:

- 1 Find value of the unknown of the equation.

$$7 \times B = 28$$

$$B = \dots\dots\dots$$

- 2 Rectangle with length 6 cm and width 5 cm. Find its area.

$$\text{Area of the rectangle} = \dots\dots\dots$$

- 3 Square its side length is 9 cm. Find its perimeter.

$$\text{Perimeter of the square} \dots\dots\dots$$

- 4 Find value of X in the bar model:

$$X = \dots\dots\dots$$

- 5 Find the product:

$$435 \times 4 = \dots\dots\dots$$

- 6 Find the quotient:

$$250 \div 5 = \dots\dots\dots$$

- 7 Arrange the following numbers ascending order:

45890 , 45980 , 80543 , 80534

The order is $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$

8 Giza Governorate - Educational Zone**First:** Choose the correct answer:

- 1 The digit is in the ten thousands place in the number 387,649.
a 3 b 4 c 8 d 7
- 2 $35 + 0 =$
a 35 b 0 c 350 d 1
- 3 4 hours = minutes
a 40 b 300 c 240 d 60
- 4 A rectangle its length (L) and its width (w). What is its perimeter?
a $L + W$ b $L \times W$ c $2 \times [L + W]$ d $[2 \times L] + W$
- 5 The multiplicative identity is
a 0 b 1 c 10 d 2
- 6 The number is a factor of the number 63.
a 5 b 9 c 11 d 12
- 7 $412 \div 4 =$
a 12 b 123 c 103 d 13
- 8 $15 - 7 \times 2 =$
a 1 b 12 c 16 d 10
- 9 $400 \times 8 =$
a 4800 b 3200 c 320 d 32

Second: Answer the following:

1 Find $329 \times 32 =$

2 $5,168,319 \approx$ (To the nearest million)

3 In the equation $710 + G = 930$ find the value of G.

4 Ali sleeps 7 hours each day. How many minutes does Ali sleep each day?

5 A rectangle of length 6 cm and width 4 cm. Find its perimeter.

6 Find GCF of 14 and 21.

Factors of 14 =

Factors of 21 =

Common factors:

GCF =

7 Find the quotient of $355 \div 5 =$

9 Alexandria Governorate - Agami education Zone

First: Choose the correct answer:

1 From the units of measuring length is

- a ton b meter c liter d minute

2 The greatest number formed from the digits 3, 4, 7 and 2 is

- a 3,742 b 4,732 c 7,432 d 2,743

3 Rounding the number 71,532 to the nearest thousand is

- a 71,000 b 70,000 c 71,500 d 72,000

4 150 minutes = 2 hour and minutes

- a 40 b 30 c 20 d 10

5 $9 + \dots + 100 = 169$

- a 6 b 60 c 600 d 6,000

6 The missing value in opposite area model is

- a 5 b 20
c 14 d 10

	50	4
5	250	

7 60 kg = grams

- a 60,000 b 6,000 c 600 d 60

8 The missing number in the opposite area model is

- a 16 b 4
c 21 d 6

	80	16
4	20	

9 $23 + 7 \times 2 - 17 = \dots$

- a 23 b 15 c 20 d 14

Second: Answer the following:

- 1 In January 2,512 students visited the Alexandria library, and in February 3,221 students visited it. What is the total number of students visited the library in the two months?

.....

- 2 Find the area of rectangle whose length is 6cm and width is 4cm.

.....

- 3 Find the product: 215×5 .

.....

- 4 Omar had 6,312 L.E. He spent 3,112 L.E. How much money remained with him?

.....

- 5 Find the quotient: $225 \div 5$.

.....

- 6 Write the missing numbers in the following bar model:

6,215 mL	
..... L	 ML

- 7 Find the G.C.F of 6 and 18.

.....

10 Alexandria Governorate - Al Montazah 2nd

First: Choose the correct answer:

1 The additive identity is

- a 1 b 0 c 2 d 10

2 The square of side length S, its perimeter =

- a $S \times S$ b $S + S$ c $S \times 4$ d $S \times 2$

3 The remainder of $39 \div 6$ is

- a 1 b 2 c 3 d 6

4 $3 + 8 = 8 + 3$ is representing property.

- a commutative b associative c distributive d additive identity

5 The value of B =

- a 22,300 b 8,700
c 7,700 d 700

15,000	
B	7300

6 $140 = \dots$ tens

- a 4 b 10 c 14 d 1400

7 40,000 gram = Kg

- a 4 b 40 c 400 d 4000

8 $625,132 < \dots$

- a 98,798 b 625,039 c 589,876 d 635,132

9 The G.C.F of 14 and 21 is

- a 7 b 63 c 21 d 42

Second: Answer the following:

1 A rectangle 8 cm long and 6 cm wide. Find:

a Its perimeter =

b Its area =

2 Use the properties of addition to find the result: $11 + 7 + 9 + 13$.

.....

.....

3 Write the new time: $6:15 \text{ AM} + 2:35 \text{ AM} = \dots\dots\dots$

4 Omar saved 15 pounds, his brother Youssef saved three times this amount.
How many pounds did Youssef save?

.....

5 A fish tank has a capacity of 90 liters. If 30,000 mL of water is poured into it.
How many liters of water should be used to fill the tank completely?

.....

6 Use the order of operations to simplify: $24 - 10 + 15 \div 3$.

.....

.....

7 Find the product of: 4×587 .

.....

.....

11 Qalyubia Governorate - Educational Zone - A

First: Choose the correct answer:

1 The standard form of the number 3 million, 5 thousand, 27 is

- a 3,527 b 300,527 c 3,055,027 d 3,005,027

2 The number 7,386,005,446 $\approx$ (Round to the nearest milliard)

- a 7,000,000,000 b 8,000,000,000
c 7,386,000,000 d 7,387,000,000

3 $25 + 99 = 99 +$

- a 25 b 99 c 74 d 124

4 $3 \times 6 + 6 =$

- a 24 b 36 c 48 d 96

5 The smallest odd prime is

- a 1 b 2 c 3 d 5

6 Using the area model, the product =

- a 65 b 240 c 260 d 4800

4

$$60 \times 4 = 240$$

$$4 \times 5 = 20$$

7 3 week and 2 days = days

- a 5 b 21 c 23 d 24

8 23 liter, 25 milliliters = milliliter

- a 2,325 b 23,025 c 23,000,025 d 2,300,025

9 5 m, 25 cm = cm

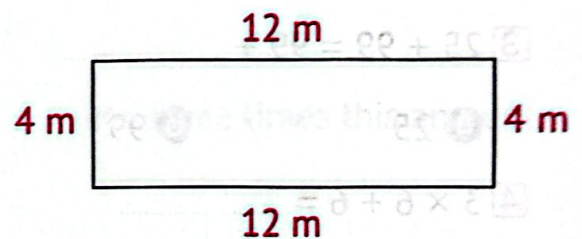
- a 525 b 50,025 c 5,025 d 50,025

Second: Answer the following:

- 1 a Ahmed saved 20 pounds and his brother Ali saved 3 times this amount.
How many pounds did Ali save?

b Find: $1,000 \times 8 =$

- 2 Calculate the perimeter of the opposite figure. Using two different methods.



- 3 a Find: the quotient: $738 \div 6 =$

- b What is the number that is equals 10 times the number 2,352?

- 4 a Write 2,132,125 in expanded form.

- b Write the missing number and state the property used:

$$(4 + 3) + 7 = 4 + (3 + \dots)$$

5 Find the GCF of the two numbers 20 and 60.

- Factors of 20:
- Factors of 60:
- GCF =

6 a A rectangle whose area 40 cm^2 and its width 5 cm. Calculate its length.

b Convert to the units shown on the following bar model.

3,645 gm	
..... Kg	 gm

7 Two ant colonies, the first colony has 343,000 ants, and the 2nd colony has 7,200 ants. What is the difference in the number of ants between the two colonies?

12 Qalyubia Governorate – Educational Zone – B

First: Choose the correct answer:

1 The standard form of the number 3 million, 5 thousand, 27 is

- a 3,527 b 300,527 c 3,055,027 d 3,005,027

2 The number 7,386,005,446 > Round to the nearest milliard

- a 7,000,000,000 b 8,000,000,000 c 7,386,000,000 d 7,387,000,000

3 $25 + 99 - 99 =$

- a 25 b 99 c 74 d 124

4 $3 \times 6 + 6 =$

- a 24 b 36 c 48 d 96

5 The smallest odd prime is

- a 1 b 2 c 3 d 5

6 Using the following area model: The product =

- a 65 b 240
c 260 d 4800

	60	5
4	$60 \times 4 = 240$	$4 \times 5 = 20$

7 3 week and 2 days = days

- a 5 b 21 c 23 d 24

8 23 liter, 25 milliliters = milliliter

- a 2,325 b 23,025 c 23,000,025 d 2,300,025

9 5 m, 25 cm = cm

- a 525 b 50,025 c 5,025 d 50,025

Second: Answer the following:

- ① A book contains 800 pages, if Nader read 324 pages in the first week and 245 pages in second week. How many pages are left?
-

- ② Find all common factors and G.C.F of 8 and 12:

- Factors of 8:
- Factors of 12:
- G.C.F:

- ③ The teacher distributed a box of 800 colored pencils among 100 students equally. How many pencils did each student get?
-

- ④ Zeina purchased 7 kilograms of sugar, 10 kilograms of flour, 700 grams of cocoa, 300 grams of coconut. What is the total mass in kilograms?
-

- ⑤ A rectangle with area 40 cm^2 , if its length is 5 cm. Find its width.
-

- ⑥ The perimeter of a square is 40 cm. Find its area.
-

- ⑦ Use the partial quotient to divide $8,415 \div 5$.
-

13 ELGharbeia - Educational Directorate

First: Choose the correct answer:

1 3025 milliliters = liters, 25 milliliters

- a 30 b 3 c 302 d 5

2 The value of X is

- a 242 b 343
c 543 d 500

643	
100	X

3 4 minutes, 20 seconds = seconds

- a 280 b 260 c 240 d 200

4 The value of 6 in the number 56,711,033 is

- a 600 b 6,000 c 6,000,000 d 60,000

5 $25 + 20 = 20 + 25$ is called a/an property.

- a distribution b additive identity
c commutative d associative

6 The perimeter of the square with area 49 cm^2 is cm.

- a 9 b 1 c 28 d 7

7 The smallest odd prime number is

- a 5 b 4 c 3 d 2

8 Rounding the number 6,743,001,551 to nearest milliard is

- a 8,000,000,000 b 6,700,000,000 c 7,000,000,000 d 6,000,000,000

9 A bakery sold 1,232 pieces of cake in one day. If the bakery sold 876 pieces in the morning, then the number of pieces which are sold in the evening is pieces.

- a 2108 b 653 c 520 d 356

Second: Answer the following:

- 1 Use the distributive property to find the product of: 6×423 .

.....

- 2 A rectangular Garden with 10 meters long and 5 meters wide. Calculate its perimeter and area.

.....

- 3 a Use the standard division algorithm to find: $685 \div 5$.

.....

- b Evaluate: $220 \div 2 - 24 + 9$

.....

- 4 Find the G.C.F for 16 and 24.

.....

- 5 a Write in an ascending order:

8 liters , 5,200 milliliters , 5 liters , 6,000 milliliters

.....

- b Find the value of b : $b \times 8 = 24$.

.....

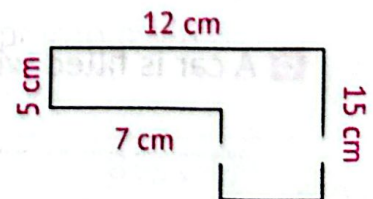
- 6 Write an equation to represent: 72 equal 8 times a number.

(Use a symbol to represent the unknown number)

.....

- 7 Find the area and perimeter of the following figure.

.....



14

Dakahlia - Maths Supervision - A

First:

Choose the correct answer:

a Choose the correct answer:

1 $9,000 \div 3 = \dots\dots\dots$

a 3

b 30

c 3,000

d 300

2 The number $\dots\dots\dots$ is a multiple of 8.

a 18

b 35

c 32

d 36

3 7 weeks = $\dots\dots\dots$ days

a 60

b 49

c 42

d 56

b In the equation: $K + 610 = 930$. Find the value of K.

Second:

a Choose the correct answer:

1 $28 \div 4 + 3 = \dots\dots\dots$

a 4

b 17

c 10

d 16

2 $60,000 + 5,000 + 10 + 2 = \dots\dots\dots$

a 65,120

b 65,012

c 60,512

d 65,102

3 $6,349 \approx \dots\dots\dots$ rounded to nearest hundreds

a 6,350

b 6,300

c 6,400

d 7,000

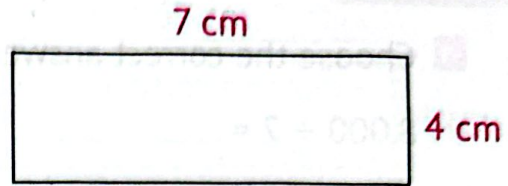
b A car is filled with 55 liters of petrol. How many milliliters would that be?

Third:

a Determine the perimeter and the area of the opposite rectangle?

• The perimeter:

• The area:



b Adam saves 75 L.E monthly. How much money does he save in 9 months?

Fourth:

a Choose the correct answer:

1 $9 \times 726 = 9 \times (\dots + 20 + 9)$

a 7000

b 700

c 70

d 7

2 The area of square of side length 8 cm is cm^2 .

a 16

b 64

c 32

d 88

3 56 is times the number 8.

a 6

b 8

c 7

d 9

b Find:

1 $5,863 + 3,716 = \dots$

2 $6,263 - 2,851 = \dots$

Fifth:

a The teacher divided a box of 93 colored pencils between 3 students equally.

How many pencils will each student get?

b Find G.C.F of two numbers 15, 20.

15 Dakahlia - Maths Supervision - B**First:**

a Choose the correct answer:

1 $8,000 \div 2 = \dots\dots\dots$

a 4

b 40

c 4,000

d 400

2 The number $\dots\dots\dots$ is a multiple of 9.

a 19

b 35

c 32

d 36

3 8 weeks = $\dots\dots\dots$ days

a 60

b 49

c 42

d 56

b In the equation: $K + 510 = 960$, find the value of K.

$\dots\dots\dots$

Second:

a Choose the correct answer:

1 $36 \div 6 \div 3 = \dots\dots\dots$

a 2

b 4

c 6

d 18

2 $60,000 + 5,000 + 100 + 2 = \dots\dots\dots$

a 65,120

b 65,012

c 60,512

d 65,102

3 $8,679 \approx \dots\dots\dots$ rounded to nearest hundreds

a 8,680

b 8,600

c 8,700

d 9,000

b A car is filled with 65 liters of petrol. How many milliliters would that be?

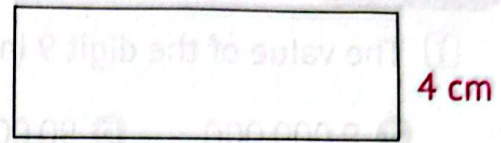
$\dots\dots\dots$

Third:

a Determine the perimeter and the area of the opposite rectangle?

• The perimeter:

• The area:



b Adam saves 85 LE monthly. How much money does he save in 9 months?

Fourth:

a Choose the correct answer:

1 $6 \times 429 = 6 \times (\dots + 20 + 9)$

- a** 400 **b** 4,000 **c** 40 **d** 4

2 The area of square of side length 8 cm is cm^2 .

- a** 16 **b** 64 **c** 32 **d** 88

3 56 is times the number 8.

- a** 6 **b** 8 **c** 7 **d** 9

b Find:

1 $5,863 + 3,716 = \dots$

2 $6,263 - 2,851 = \dots$

Fifth:

a The teacher divided a box of 93 colored pencils between 3 students equally.

How many pencils will each student get?

b Find G.C.F of two numbers 15, 20.

16 Behaira - Damanhour - A**First:** Choose the correct answer:

- 1 The value of the digit 9 in the number 9,328,456 is
a 9,000,000 b 90,000,000 c 9,000 d 90,000
- 2 The smallest number formed from 8, 2, 0, 4, 7, 6 is
a 876,420 b 876,402 c 240,678 d 204,678
- 3 If $99 \div 3 = 33$, the divisor is
a 3 b 99 c 33 d 1
- 4 The common factor of all numbers is
a 0 b 1 c 2 d 3
- 5 $36 + 79 = 79 + 36$ (..... Property)
a Commutative b Associative
c Additive Identity d Distribution
- 6 The smallest prime number is
a 0 b 1 c 2 d 3
- 7 6 km = m
a 6,000 b 60,000 c 600 d 60
- 8 The perimeter of the square = side length $\times$
a 4 b 2 c 3 d 5
- 9 Two hours are minutes.
a 100 b 90 c 60 d 120

Second: Answer the following:

1 Add $4,104,625$
 $+ 2,895,375$

2 Subtract $8,976,580$
 $- 3,421,025$

3 Find all factors of the numbers 8 and 10, then find G.C.F.

Factors of 8 are Factors of 10 are

Common factors are G.C.F. is

4 Ali bought 12 pens of 5 pounds each. How much money did he pay?

.....

5 Use the order of operations to solve:

$(11 + 4) \div 3$

.....

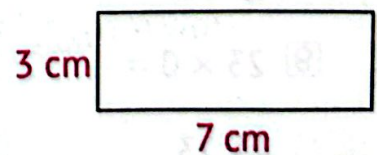
6 Find the area of the square.

The area =



7 Find the perimeter of the rectangle.

The perimeter =



V Behaira - Damanhour - B
First: Choose the correct answer:

1 From the following bar model, the value of C = _____.

- a 7,800 b 8,700
 c 26,200 d 800

17,000	
C	9,200

2 $75,792 \approx$ _____ (To the nearest thousand)

- a 75,000 b 76,000 c 75,700 d 75,800

3 7 meters, 20 cm = _____

- a 720 m b 720 cm c 207 cm d 7,020 cm

4 $625,132$ _____ $652,132$

- a < b > c = d $\geq$

5 The value of the digit 5 in ten millions = _____

- a 5,000 b 50,000 c 5,000,000 d 50,000,000

6 1 day and 15 hours = _____ hours

- a 15 b 1 c 39 d 16

7 $617 = 10 + 7 +$ _____

- a 6 b 60 c 600 d 6,000

8 The perimeter of a square whose side's length 30 cm equals _____ cm.

- a 30 b 900 c 60 d 120

9 $23 \times 0 =$ _____

- a 23 b 0 c 5 d 230

Second: Answer the following:

- 1 a Mohamed saved 25 pounds and his brother Tamer saved 3 times this amount. How many pounds did Tamer save?

b Find: $1,000 \times 7 =$

- 2 Calculate the perimeter of the opposite figure.

Using two different rules.

11 cm

4 cm

- 3 a Find the quotient: $672 \div 3 =$

- b What is the number that is equals 10 times the number 3,261?

- 4 a Write 2,354,125 in expanded form:

- b Write the missing number and state the property used:

$$(5 + 2) + 8 = 5 + (\quad + 8)$$

Exams

5 Find the G.C.F of the two numbers 16 and 24.

- Factors of 16:
- Factors of 24:
- GCF =

6 a A rectangle whose area 24 cm^2 and its width 6 cm. Calculate its length.

b Convert to the units shown on the following bar model gm.

7,525 gm	
..... Kg	 gm

7 Two ant colonies, the first colony has 344,000 ants, and the 2nd colony as 5,300 ants. What is the difference in the number of ants between the two colonies?

18 Behaira Educational Directorate – Merge**First:** Choose the correct answer:

- 1 The value of the digit 2 in the number 23,435 is
a 2,000 b 2,000,000 c 20,000 d 200,000
- 2 If $55 \div 5 = 11$, the divisor is
a 5 b 55 c 11 d 1
- 3 $12 + 37 = 37 + 12$ (..... Property)
a Commutative b Associative
c Additive Identity d Distribution
- 4 The smallest prime number is
a 0 b 1 c 2 d 3
- 5 The perimeter of the square = side length $\times$
a 4 b 2 c 3 d 5

Second: Complete:

- 1 One hour = minutes
- 2 7 Liters = milliliter
- 3 The place value of the digit 8 in the number 8,114 is
- 4 $145 + 89 = 89 +$

Third: Choose the correct answer:

1 The place value of the digit 7 in the number 7,123,215 is

- a thousands b millions c millions d hundreds

2 If $100 \div 2 = 50$, the dividend is

- a 100 b 2 c 0 d 50

3 $57 + 0 = 57$ (..... Property)

- a Commutative b Associative
c Additive Identity d Distribution

4 The prime number of the following numbers is

- a 9 b 1 c 8 d 3

5 The common multiple for all numbers is

- a 0 b 2 c 1 d 3

Fourth: Match the following:

One day =

1

The only prime even number is

0

The common multiple of all numbers is

2

$9 + 9 =$

24 hours

Fifth: Answer the following:

a Find The factor of the number 10.

.....

b Find the area of the square whose side length 3 cm.

.....

Final Revision Guide Answers



FINAL REVISION ON THEME 1

Unit 1

First:

- 1** hundred thousand **2** ten thousand
3 million **4** 4,167,235 **5** 8,459,567
6 7,424,218 **7** 1,675,800 **8** 3,638,700
9 8,567,900 **10** 8,134,004 **11** 3,158,870
12 5,500,127 **13** 63,123 **14** 5,454,216 **15** million

Second:

- 1** 5,022,170 **2** 1,600,299
3 Fifty nine million one thousand four hundred thirty eight
4 $3,000,000 + 500,000 + 6,000 + 100 + 20 + 4$
5 45,670 **6** 73,480 **7** 95,180
8 $3,000,000 + 500,000 + 40,000 + 900 + 60 + 3$
9 $8,000,000 + 300,000 + 40,000 + 2,000 + 700 + 60$
10 3,175,640
11 15 million, 600 thousand, 564
12 One million, 146 thousand, 540
13 74,423, 74,342, 42,734, 42,347
14 $(500,000 + 30,000 + 7,000 + 30)$, 5,127,300, eight million thirty four thousand and two hundred twenty six, 8373000
15 45,890, 45,980, 80,534, 80,543
16 7,500,000, 5,657,100, $(5 \times 1,000,000) + (8 \times 100)$, seven hundred thousand and six hundreds
17 14,365, 14,345, 12,789, 12,345
18 $(100,000 + 80,000 + 5,000)$, one million four hundred eighty thousand and five hundreds, 4,375,100, 3,105,000
19 36,526
20 $5,921 - 3,088 = 2,833$

Unit 2

First:

- 1** 66 **2** 95 **3** 36,552 **4** 53,439
5 61,257 **6** 48 **7** 2,185 **8** 175
9 2,085 **10** 272 **11** 3,285 **12** 355
13 125 **14** 38 **15** 3,285

Second:

- 1** **a** 24,700 "additive identity"
b 112 "Commutative, associative"
c 33,564 "Additive identity"
2 $16,523 + 38,372 = 54,895$
3 Actual: 78,715
 Estimation: $56,000 + 22,000 = 78,000$
4 $25,355 + 36,183 = 61,538$ pounds
5 $38,300 + 29,500 = 67,800$
6 Actual: 84,066
 Estimation: $46,000 + 38,000 = 84,000$
7 Actual: 86,985
 Estimation: $75,000 + 12,000 = 87,000$
8 $7,870 - 4,210 = 3,660$ **9** $7,620 - 5,104 = 2,516$
10 $6,850 - 4,104 = 2,746$ **11** $900 - 525 = 375$
12 $800 - 546 = 254$ **13** $800 - 636 = 164$
14 $1,232 - 876 = 356$ **15** $1,753 - 678 = 1,075$
16 $1,464 - 789 = 675$
17 $(3 \times 12) - 6 = 30$ pens
18 $(345 + 128) - 97 = 376$
19 $45 - 9 = 36$
20 $5,325 - 1,243 = 4,082$

Unit 3

First:

- ① 66000 ② 70000 ③ 33000 ④ 10
 ⑤ 200 ⑥ 240 ⑦ 4m,20cm ⑧ 720cm
 ⑨ 7620 ⑩ 375 ⑪ 5:30 ⑫ 2:18
 ⑬ 5m, 20cm ⑭ 5630 ⑮ 20

Second:

- ① $2 \times 1,000 = 2,000$ milliliters
 ② 1,275 cm ③ $5,000 - 200 = 4,800$ grams
 ④ $3 \times 1,000 = 3,000$ milliliters
 ⑤ 1,135 cm ⑥ $10,000 - 300 = 9700$
 ⑦ $5 \times 1,000 = 5,000$ milliliters
 ⑧ 1,580 ⑨ $11,000 - 250 = 10,750$
 ⑩ 210 minutes
 ⑪ 55 minutes
 ⑫ $25,000 \div 5 = 5,000$ meters = 5 km
 ⑬ $15,000 \div 3 = 5000$ ml = 5liters
 ⑭ 3,000 grams = 3 kg
 ⑮ 6,32 / 872 / 72,0 / 6040
 ⑯ $7 \times 100 = 700$ cm
 ⑰ $11,000 - 7,455 = 3,545$ ml
 ⑱ 87 hours ⑲ 5 hours
 ⑳ 1 hour and 15 minutes

Exercises for 1st Month

First:

- ① 3 ② 7,526 ③ 625,432 ④ 86,000
 ⑤ 7,400 ⑥ Kilometer ⑦ 9,000
 ⑧ 5,032,015 ⑨ 4 m,20 cm ⑩ 720 cm
 ⑪ 7,620 ⑫ 375 ⑬ 5:30 ⑭ 2:18
 ⑮ 6

Second:

- ① Ten million, 30,000,000
 ② Greatest number: 876,510
 Smallest number: 105,678
 ③ $10 \times 2,352 = 23,520$

④ Four thousand, one hundred thirty-five

⑤ 2,354,125

$$= 2,000,000 + 300,000 + 4,000 + 100 + 20 + 5$$

⑥ $619 = 600 + 10 + 9$

$$619 = 6 \times 100 + 1 \times 10 + 9 \times 1$$

⑦ $230,650,800 < 230,650,801$

⑧ The order is:

23,200, 23,020, 21,978, 21,051, 21,050

⑨ $5,895 + 0 = 5,895$ (Additive identity)

⑩ $(8 + 2) + 6 = 8 + (2 + 6)$ (Associative)

⑪ $14 + 8 + 16 + 12$

$14 + 16 + 8 + 12$ (Commutative)

$= (14+16) + (8 + 12)$ (Associative)

$$= 30 + 20 = 50$$

⑫ $154 + 134 = 288$ ants

⑬ $345,000 - 9,300 = 335,700$ ants

⑭

b	
42,300	35,600

$$b = 42,300 + 35,600 = 77,900$$

⑮

30,000	
x	16,000

$$X = 30,000 - 16,000 = 14,000 \text{ ants}$$

⑯

632 Centimeter	
6 meter	32 Centimeter

876 Centimeter	
8 meter	76 centimeter

1,365 Kilogram	
1 Kilogram	365 gram

6040 Kilogram	
6 Tons	40 Kilogram

⑰ 7 meters = 700 centimeters

⑱ 11 liters – 7 liters and 455 milliliters = 3 liters and 545 milliliters = 3,545 milliliters

⑲ 3 days and 15 hours = 87 hours

⑳ 300 minutes = 5 hours

Unit 4

First:

- 1 6 2 4 3 35
4 11 5 9

Second:

- 1 $2 \times (12 + 8) = 40$ m
2 Area of rectangle = $4 \times 6 = 24$ cm²
Area of square = $7 \times 7 = 49$ cm²
Then the area of square is greater.
3 18 cm²
4 $50 \times 4 = 200$ cm
5 42 cm²
6 Area of rectangle = $3 \times 7 = 21$ cm²
Area of square = $5 \times 5 = 25$ cm²
Then the area of square is greater.
7 7 cm
8 Area of rectangle = $3 \times 9 = 27$ cm²
Area of square = $6 \times 6 = 36$ cm²
Then the area of square is greater.
9 6 cm



FINAL REVISION ON THEME 2

Unit 5

First:

- 1 4 2 28 3 20 4 21
5 9 6 18 7 8 8 5
9 7 10 5 11 9 12 2
13 4 14 27 15 7

Second:

- 1 30 is 6 times 5 2 3
3 $6 \times 8 = A$, $A = 48$ pages
4 18 is 9 times 2 5 7
6 $3 \times 8 = B$, $B = 24$ oranges
7 42 is 7 times 6 8 4

9 $3 \times 8 = A$, $A = 24$ green apples

10 0 11 245

12 0 13 180

14 120 15 140

16

a 100 b 1,800

c 8,000 d 210

e 3,000 f 28,000

g 60 h 1500

i 14,000

17 $18 \times 3 = 54$ pens 18 16

Unit 6

First:

- 1 7 2 3 3 12 4 8
5 11 6 5 7 16 8 4
9 21 10 2 11 24 12 6
13 7 14 14

Second:

- 1 1, 2, 3, 4, 6, 8, 12, 24
2 Yes, because $72 \div 6 = 12$
3 $19 : 1, 19$ "Prime number"
 $27 : 1, 3, 9, 27$ "composite number"
4 $14 : 1, 2, 7, 14$
 $21 : 1, 3, 7, 21$
Common factors: 1, 7
5 a 4 b 8
6 20, 40 7 0, 6, 12, 18, 24, 30
8 20, 30, 40, 50, 60, 70, 80
9 15 is 5 times 3 10 20 is 4 times 5
11 6, 12, 18, 24, 30, 36
12 0, 4, 8, 12, 16 13 24 is 4 times 6
14 0, 24 15 0, 6, 12, 18, 24
16 25 is 5 times 5 17 0, 50
18 12, 24, 36 19 30 is 5 times 6
20 6

Guide Answers

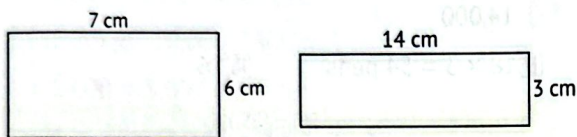
Exercises for 2nd Month

First:

- 1 4 2 7 3 64 4 12
5 22 6 3 7 8 8 0
9 $36 = 4 \times a$ 10 270

Second:

- 1 The perimeter = $10 \times 4 = 40$ cm
2 $[2 + 6] \times 2 = 8 \times 2 = 16$ m
3



- 4 The length = $40 \div 5 = 8$ cm
The perimeter = $[8 + 5] \times 2 = 13 \times 2 = 26$ cm
5 The side length = $20 \div 4 = 5$ cm
The area = $5 \times 5 = 25$ cm²
6 The side length = 7 cm
The perimeter = $7 \times 4 = 28$ cm
7 The perimeter = $15 + 2 + 8 + 7 + 6 = 38$ cm
8

5	5	5	5
---	---	---	---

- 9 $12 = 2 \times 6$
10 $11 \times 2 = 22$
 $a = 11$
11 $28 = b \times 4$
 $b = 7$
12 $5 \times 7 = 7 \times 5$
 $a = 7$
13 $55 \times 100 = 5,500$
14 a 4, 2
4, 8, 12
b 6, 5
30, 60, 90
15 $3 \times 9 \times 2 = (3 \times 2) \times 9$
 $6 \times 9 = 54$

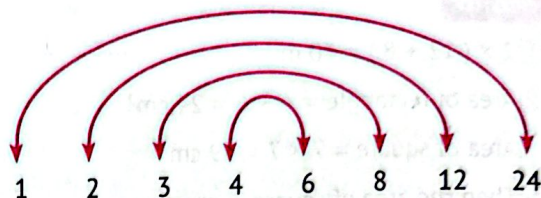
16 $3 \times 70 = (3 \times 7) \times 10 = 21 \times 10 = 210$

17 $180 = 18 \times 10$

18 tens

18 $6 \times 9,000 = (6 \times 9) \times 1,000 = 54 \times 1,000 = 54,000$

19



20 yes

$6 \times 12 = 72$

21 $19 : 1, 19$

(Prime)

$27 : 1, 3, 9, 27$

(Composite)

Unit 7

First:

- 1 40 2 357 3 30 4 473
5 60 6 195 7 2,400 8 3,600
9 2,400 10 2,500 11 2,400 12 4,900
13 6 14 50 15 5 16 30
17 10 18 400 19 30 20 4,200

Second:

1 $36 \times 7 = 210 + 42 = 252$

	30	6
7	210	42

2 $246 \times 2 = (200 \times 2) + (40 \times 2) + (6 \times 2)$
 $= 400 + 80 + 12 = 492$

3 $375 \times 4 = (300 + 70 + 5) \times 4$
 $= 300 \times 4 + 70 \times 4 + 5 \times 4$
 $= 1,200 + 280 + 20$
 $= 1,500$

4 $52 \times 6 = 300 + 12 = 312$

	50	2
6	300	12

5 $324 \times 3 = 300 \times 3 + 20 \times 3 + 4 \times 3$
 $= 900 + 60 + 12$
 $= 972$

6 $437 \times 5 = (400 + 30 + 7) \times 5$
 $= 400 \times 5 + 30 \times 5 + 7 \times 5$
 $= 2,000 + 150 + 35$
 $= 2,185$

7 $46 \times 8 = 320 + 48 = 368$

8 435×4

40	6
320	48

$= 400 \times 4 + 30 \times 4 + 5 \times 4$
 $= 1,600 + 120 + 20 = 1,740$

8

754	
x 3	
2262	

9 $492 \div 4 = 123$

10 $158 \times 3 = 474$

11 $6 \times 275 = 1,650$

12 $545 \div 5 = 109$

13 $198 \times 6 = 1,188$

14 $4 \times 532 = 2,128$ tires

15 $503 \times 8 = 4,024$

16 5, 10, 15, 20, 25, 30, 35, 40, 45

17 $6 \times 214 = 1,284$ rooms

18 $396 \div 3 = 132$

19 $456 \div 4 = 114$

20 $864 \div 8 = 108$ rooms

22 $532 \div 4 = 133$ cars

23 $784 \div 7 = 112$ passengers

24 a $4,059 \div 3 = 1,353$

b $652 \div 9 = 72 \text{ R } 4$

25 $452 \div 4 = 113$ pounds

Unit 8

First:

1 200, 300

2 26

3 60,70

4 30

5 subtraction

Second:

1 35

2 18

3 a 19

b 45

4 a 48

b 49

5 23

6 28

7 $(241 - 25) \div 6 = 36$

8 85

9 16

10 $(14 + 5) \times 1000 = 19000 \text{ m}$

1 Cairo Governorate - Educational District

First:

1 4,167,235

2 355

3 9

4 5

5 3,600

6 30

7 320

8 100

9 3,000

Second:

1 7,600

2 $5,325 - 1,243 = 4,082$

3 $11 \times 2 = 22$ A = 11

4 1, 3, 9

5 5

6 $5 \times 7 = 35$ days

7 Area of rectangle = length $\times$ width

$= 4 \times 6 = 24 \text{ cm}^2$

2 Cairo Governorate

First:

1 8,000

2 900,000

3 16

4 >

5 7

6 8

7 5

8 45,378

9 b

Second:

1 Area of rectangle = length $\times$ width

$= 2 \times 3 = 6 \text{ cm}^2$

2 Rectangle, Rhombus

3 10,280

4 4,436

5 The order: 7,234, 7,235, 11,012, 12,011, 109,001

6 Four hundred three thousand, eight hundred thirty-two

7 1, 2, 3, 4, 6, 12

3 Cairo Governorate - Helwan Educational Zone

First:

1 4×5

2 6

3 >

4 96

5 4

6 45,000

7 commutative

8 500

9 50,000

Guide Answers

Second:

- 1 Length of each piece = $15 \div 5 = 3$ pieces
- 2 Area of square = $4 \times 4 = 16 \text{ cm}^2$
- 3 Total price = $25,355 + 36,183 = 61,538 \text{ L.E}$
- 4 2, 4, 6
3, 6, 9
- 5 $99 - 10 \times 9 = 99 - 90 = 9$
- 6 7,620 mL
- 7 $6 = 2 \times 3$
 $18 = 2 \times 3 \times 3$
G.C.F = $2 \times 3 = 6$

4 Cairo Governorate - Model A

First:

- 1 24 2 9 3 80 4 36
- 5 40 6 2 7 66,000 8 5,000
- 9 4

Second:

- 1 $W = 3,895 - 1,523 = 2,372$
- 2

8425 ml
8 Liter 425 ml
- 3 The perimeter of a rectangle = $(L + W) \times 2$
 $= (8 + 6) \times 2 = 14 \times 2 = 28 \text{ m}$
- 4 $428 \div 2 = 214$
- 5 $8 = 2 \times 2 \times 2$
 $12 = 2 \times 2 \times 3$
G.C.F = $2 \times 2 = 4$
- 6 $4 + (7 - 5) \times 2 =$
 $4 + 2 \times 2 = 4 + 4 = 8$
- 7 4, 8, 12, 16, 20

5 Cairo Governorate - Model B

First:

- 1 3 2 commutative 3 543
- 4 28 5 260 6 3
- 7 6,000,000 8 7,000,000,000 9 356

Second:

- 1 $6 \times 423 = 6 \times (400 + 20 + 3)$
 $= (6 \times 400) + (6 \times 20) + (6 \times 3)$
 $= 2,400 + 120 + 18 = 2,538$
- 2 a The order: 5 liters, 5,200 milliliters,
6,000 milliliters, 8 liters
b $3 \times 8 = 24$
 $b = 3$

- 3 Perimeter = $(10 + 5) \times 2 = 30 \text{ m}$
Area = $10 \times 5 = 50 \text{ m}^2$

- 4 Equation: $27 = 8 \times a$

$$\begin{array}{r} 137 \\ 5 \overline{) 685} \\ \underline{- 5} \\ 18 \\ \underline{- 15} \\ 35 \\ \underline{- 35} \\ 0 \end{array}$$

- b $220 \div 2 - 24 + 9 = 110 - 24 + 9 = 86 + 9 = 95$
- 6 Area = $(5 \times 12) + (5 \times 10) = 60 + 50 = 110$
 cm^2
Perimeter = $5 + 15 + 12 + 7 + 10 + 5 = 54 \text{ cm}$
- 7 $16 = 2 \times 2 \times 2 \times 2$
 $24 = 2 \times 2 \times 2 \times 3$
G.C.F = $2 \times 2 \times 2 = 8$

6 Cairo Governorate - East Nasr City

First:

- ① hundred thousand ② 39 ③ 44,000
④ 66 ⑤ 5,095 ⑥ 6 ⑦ 5
⑧ 26 ⑨ 357

Second:

- ① 5,122,170
② $369 \div 3 = 123$
③ $6 = 2 \times 3$
 $18 = 2 \times 3 \times 3$
G.C.F = $2 \times 3 = 6$
④ Area = $9 \times 5 = 45 \text{ cm}^2$
⑤ $198 \times 6 = (100 + 90 + 8) \times 6$
 $= (100 \times 6) + (90 \times 6) + (8 \times 6 \times)$
 $= 600 + 540 + 48 = 1,188$
⑥ $154 + 134 = 288 \text{ ants}$
⑦

6120 ml	
6 Liter	120 ml

7 Cairo Governorate - Mathematical Department

First:

- ① ten million ② 95 ③ 7
④ 40 ⑤ 40,000 ⑥ 16 ⑦ 66,000
⑧ 85 ⑨ 9,000

Second:

- ① $B = 4$
② Area of the rectangle = $6 \times 5 = 30 \text{ cm}^2$
③ Perimeter of the square = $9 \times 4 = 36 \text{ cm}$
④ $X = 9,870 - 5,204 = 4,666$
⑤ $435 \times 4 = 1,740$
⑥ $250 \div 5 = 50$
⑦ The order is 45,890 , 45,980 , 80,534 , 80543

8 Giza Governorate - Educational Zone

First:

- ① 8 ② 35 ③ 240 ④ $2 \times [L+W]$
⑤ 1 ⑥ 9 ⑦ 103 ⑧ 1
⑨ 3,200

Second:

- ① $329 \times 32 = 10,528$ ② 5,000,000
③ $G = 930 - 710 = 220$ ④ $7 \times 60 = 420 \text{ minutes}$
⑤ Perimeter = $[6+4] \times 2$
 $10 \times 2 = 20 \text{ cm}$
⑥ factors of 14 = 2×7
factors of 21 = 7×3
Common factors: 7
GCF = 7
⑦ $355 \div 5 = 60 + 11 = 71$

$$\begin{array}{r} 5 \overline{) 355} \quad 60 \\ \underline{-300} \\ 55 \\ \underline{-55} \\ 00 \end{array}$$

9 Alexandria Governorate - Agami education Zone

First:

- ① meter ② 7,432 ③ 72,000 ④ 30
⑤ 60 ⑥ 20 ⑦ 60,000 ⑧ 4
⑨ 20

Second:

- ① $2,512 + 3,221 = 5,733 \text{ students}$
② The Area = $6 \times 4 = 24 \text{ cm}^2$
③ $215 \times 5 = 1,075$
④ $6,312 - 3,112 = 3,200 \text{ LE}$
⑤ $225 \div 5 = 45$

⑥

6215 ml	
6 Liter	215 ml

- ⑦ $6 = 2 \times 3$
 $18 = 2 \times 3 \times 3$
G.C.F = $2 \times 3 = 6$

Guide Answers

10 Alexandria Governorate - Al Montazah 2nd

First:

- ① 0 ② 5×4 ③ 3
④ commutative ⑤ 7,700
⑥ 14 ⑦ 40 ⑧ 635,132
⑨ 7

Second:

① Perimeter = $[8+6] \times 2 = 14 \times 2 = 28$ cm

The area = $8 \times 6 = 48$ cm²

② $11 + 7 + 9 + 13 = [11 + 9] + [7 + 13]$

= $20 + 20 = 40$

③ 6:15 AM + 2:35 AM = 8:50 AM

④ Youssef saves = $3 \times 15 = 45$ pounds

⑤ $90 - 30 = 60$ Liters

⑥ $24 - 10 + 15 \div 3$

= $24 - 10 + 5 = 14 + 5 = 19$

⑦ $4 \times 587 = 4 \times [500 + 80 + 7]$

= $4 \times 500 + 4 \times 80 + 4 \times 7$

= $2,000 + 320 + 28 = 2,348$

11 Qalyubia Governorate - Educational Zone - A

First:

- ① 3,005,027 ② 7,000,000,000 ③ 25
④ 24 ⑤ 3 ⑥ 65 ⑦ 23
⑧ 23,025 ⑨ 525

Second:

① a) Ali saved = $3 \times 20 = 60$ pounds

b) $1,000 \times 8 = 8,000$

② 1st way = $4 + 12 + 4 + 12 = 32$ cm

2nd way = $[4 + 12] \times 2 = 16 \times 2 = 32$ cm

③ a) $738 \div 6 = 123$

b) $10 \times 2,352 = 23,520$

④ a) $2,132,125 = 2,000,000 + 100,000 + 30,000 + 2,000 + 100 + 20 + 5$

b) $(4 + 3) + 7 = 4 + (3 + 7)$ Associative

⑤ Factors of 20: 1, 2, 4, 5, 10, 20

Factors of 60: 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

G.C.F = 20

⑥ a) The length = $40 \div 5 = 8$ cm

3,645 ml	
3 Liter	645 ml

⑦ $343,000 - 7,200 = 335,800$

12 Qalyubia Governorate - Educational Zone - B

First:

- ① 3,005,027 ② 7,000,000,000
③ 25 ④ 24 ⑤ 3 ⑥ 65
⑦ 23 ⑧ 23,025 ⑨ 525

Second:

① $800 - (324 + 245) = 231$

② • Factors of 8: 1, 2, 4, 8

• Factors of 12: 1, 2, 3, 4, 12

• G.C.F: 4

③ $800 \div 100 = 8$ pencils

④ $7 \text{ kg} + 10 \text{ kg} + 700 \text{ gm} + 300 \text{ gm} = 18 \text{ kg}$

⑤ The width = $40 \div 5 = 8$ cm

⑥ Side = $40 \div 4 = 10$ cm

Area = $10 \times 10 = 100$ cm²

⑦ $8,415 \div 5 = 1,683$

5	8415	1000
	-5000	
	3415	600
	-3000	
	415	80
	-400	
	15	3
	-15	
	00	

13 ELGharbeia - Educational Directorate

First:

- 1 3 2 543 3 260
4 6,000,000 5 commutative
6 7
7 3 8 7,000,000,000 9 356

Second:

$$\begin{aligned} 1 \quad 6 \times 423 &= 6 \times (400 + 20 + 3) \\ &= (6 \times 400) + (6 \times 20) + (6 \times 3) \\ &= 2,400 + 120 + 18 = 2,538 \end{aligned}$$

$$2 \quad \text{Perimeter} = [10 + 5] \times 2 = 15 \times 2 = 30 \text{ cm}$$

$$\text{Area} = 10 \times 5 = 50 \text{ cm}^2$$

$$3 \quad a \quad 685 \div 5$$

$$\begin{array}{r} 137 \\ 5 \overline{) 685} \\ \underline{- 5} \\ 18 \\ \underline{- 15} \\ 35 \\ \underline{- 35} \\ 0 \end{array}$$

$$\begin{aligned} b \quad 220 \div 2 - 24 + 9 &= 110 - 24 + 9 \\ &= 86 + 9 = 95 \end{aligned}$$

$$4 \quad 16 = 2 \times 2 \times 2 \times 2$$

$$24 = 2 \times 2 \times 2 \times 3$$

$$\text{G.C.F} = 2 \times 2 \times 2 = 8$$

$$5 \quad a \quad 5 \text{ liters, } 5,200 \text{ milliliters, } 6,000 \text{ milliliters, } 8 \text{ liters}$$

$$b \quad 3 \times 8 = 24$$

$$b = 3$$

$$6 \quad 72 = 8 \times 9$$

$$7 \quad \text{Area} = (5 \times 12) + (5 \times 10) = 60 + 50 = 110 \text{ cm}^2$$

$$\text{Perimeter} = 5 + 15 + 12 + 7 + 10 + 5 = 54 \text{ cm}$$

14 Dakahlia - Maths Supervision - A

First:

- a 1 3,000 2 32 3 49
b $K = 930 - 610 = 320$

Second:

- A 1 10 2 65,012 3 6,300
b 55 liters = 55,000 milliliters

Third:

- A • The perimeter = $2 \times (7 + 4) = 2 \times 11 = 22 \text{ cm}$
• The area = $7 \times 4 = 28 \text{ cm}^2$

$$b \quad 9 \times 75 = 575 \text{ LE}$$

Fourth:

- A 1 700 2 64 3 7
b 1 $5,863 + 3,716 = 9,579$
2 $6,263 - 2,851 = 3,412$

Fifth:

$$1 \quad 93 \div 3 = 31 \text{ pencils}$$

$$2 \quad 15 = 3 \times 5$$

$$20 = 5 \times 2 \times 2$$

$$\text{G.C.F} = 5$$

15 Dakahlia - Maths Supervision - B

First:

- a 1 4,000 2 36 3 56
b $K = 960 - 510 = 450$

Second:

- a 1 2 2 65,102 3 8,700
b 65 liters = 65,000 milliliters

Third:

- a • The perimeter = $[9 + 4] \times 2 = 13 \times 2 = 26 \text{ cm}$
• The area = $9 \times 4 = 36 \text{ cm}^2$

$$b \quad 85 \times 9 = 765 \text{ LE}$$

Guide Answers

Fourth:

1 400 2 64 3 7

1 $5,863 + 3,716 = 9,579$

2 $6,263 - 2,851 = 3,412$

Fifth:

a $93 \div 3 = 31$ pencils

b $15 = 3 \times 5$

$20 = 5 \times 2 \times 2$

G.C.F = 5

16 Behaira - Damanhour - A

First:

1 9,000,000 2 204,678 3 33 4 1

5 Commutative 6 2 7 6000

8 4 9 120

Second:

1 7,000,000

2 5,555,555

3 Factors of 8 are 1, 2, 4, 8

Factors of 10 are 1, 2, 5, 10

Common factors are 1, 2

G.C.F. is 2.

4 $12 \times 5 = 60$ pounds

5 $(11 + 4) \div 3 = 15 \div 3 = 5$

6 The area = $5 \times 5 = 25 \text{ cm}^2$

7 The perimeter = $[3 + 7] \times 2 = 10 \times 2 = 20 \text{ cm}$

17 Behaira - Damanhour - B

First:

1 7,800 2 76,000 3 720 cm 4 <

5 50,000,000 6 39 7 600

8 120 9 0

Second:

1 a Tamer saved $= 3 \times 25 = 75$ pounds

b $1,000 \times 7 = 7,000$

2 1st way = $11 + 4 + 11 + 4 = 30 \text{ cm}$

2nd way = $[11 + 4] \times 2 = 15 \times 2 = 30 \text{ cm}$

3 a $672 \div 3 = 224$

b $10 \times 3,261 = 32,610$

4 a 2,354,125

$= 2,000,000 + 300,000 + 50,000 + 4,000 + 100 + 20 + 5$

b $(5 + 2) + 8 = 5 + (2 + 8)$

5 $16 = 2 \times 2 \times 2 \times 2$

$24 = 2 \times 2 \times 2 \times 3$

G.C.F = $2 \times 2 \times 2 = 8$

6 a length = $24 \div 6 = 4 \text{ cm}$

b

7525 gm	
7 Kg	525 gm

7 $344,000 - 5,300 = 338,700$ ants

18 Behaira Educational Directorate - Merge

First:

1 20,000 2 5 3 Commutative

4 2 5 4

Second:

1 60 2 7,000 3 thousands 4 145

Third:

1 millions 2 100 3 Additive Identity

4 3 5 0

Fourth:

One day = 24

The only prime even number is 2

The common multiple of all numbers is 0

$9 + 9 = 18$

Fifth:

a 1, 2, 5, 10

b The area = $3 \times 3 = 9 \text{ cm}^2$



MATH

Final Revision, Exams,
& Answers

4th

Primary
First Term

By Mohamed Nasreldin



تابع كل جديد على صفحة
سلسلة كتب الأستاذ



للتواصل: 01001822242

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