

2023

PONY

سلسلة كتب الأستاذ

MATH

FINAL REVISION



3

PRIMARY
FIRST TERM

مذكرتي
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General Exercises

Collecting and Classifying Data

- 1 The following numbers show the **weights** of 21 children (in kilograms):

40 , 44 , 42 , 44 , 42 , 41 , 42
43 , 43 , 42 , 41 , 44 , 41 , 40
41 , 42 , 43 , 44 , 42 , 42 , 41

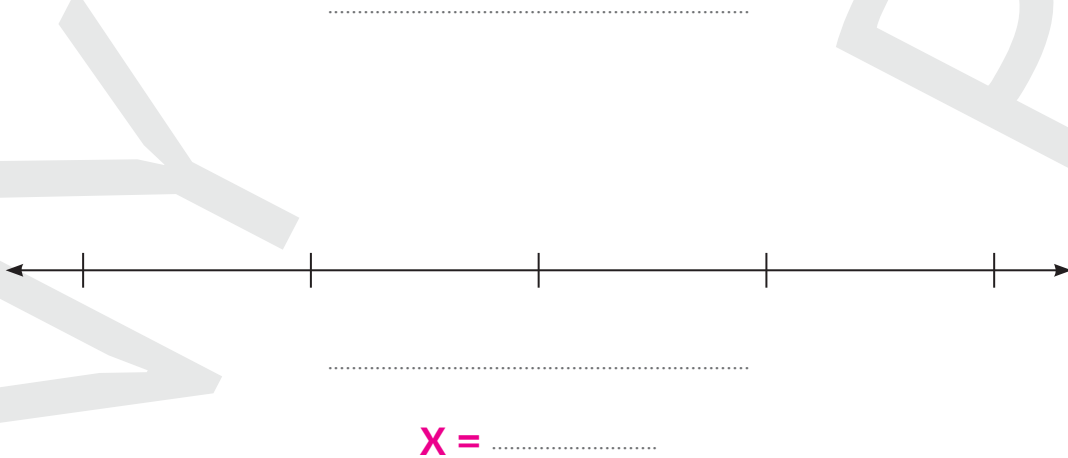
- a Complete the following table:

Weight	40	41	42	43	44
Tallies					
Number of Children

- b Complete the following bar graph:



c Create a line plot:

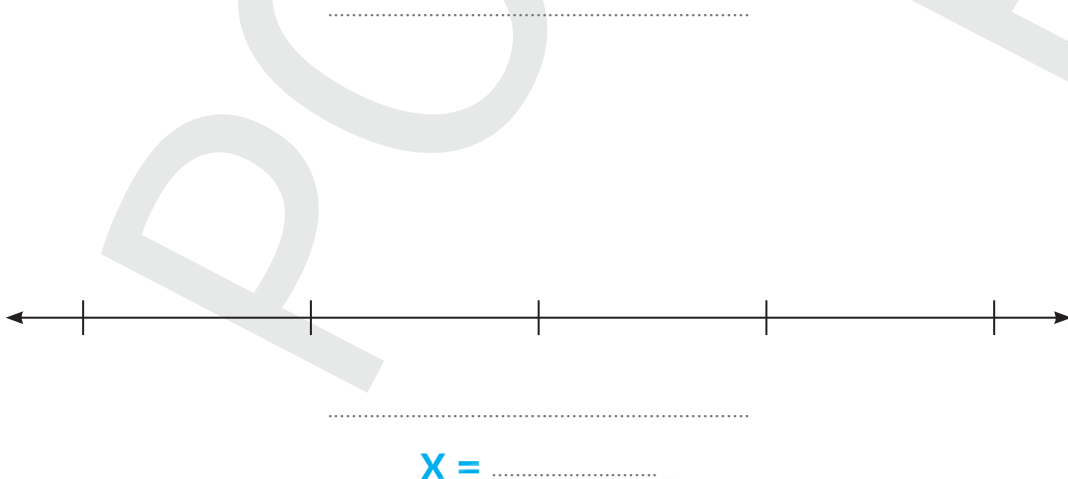


2 The following table shows the students' **favorite sport**:

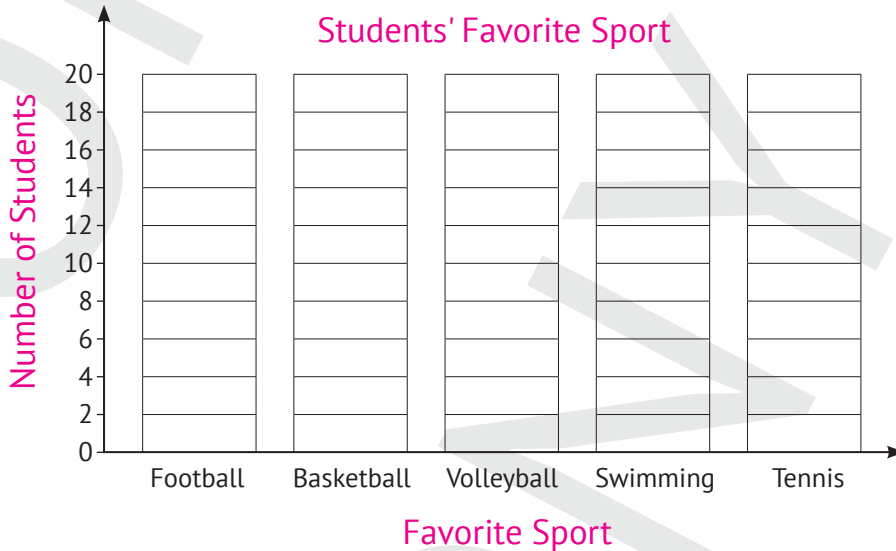
a Complete the following table:

Favorite Sport	Football	Basketball	Volleyball	Swimming	Tennis
Tallies	//// //	//// //	//// /	//// //	//// //
Number of Students

b Create a line plot:



c Complete the following bar graph:



d Complete the following sentences:

- 1 The number of students who prefer **football** is
- 2 The number of students who prefer **volleyball** is
- 3 The number of students who prefer **basketball** and **tennis** together is
- 4 The sport preferred by the **greatest** number of students is
- 5 The sport preferred by the **least** number of students is

Numbers up to 999,999 and Operations on Them

First: Choose the correct answer:

- 1 Seven hundred thousand, seventy (in standard form) is:
(700,070 or 70,070 or 700,700)
- 2 Ninety-four thousand, nine hundred four (in standard form) is:
(940,904 or 94,904 or 94,094)
- 3 $70,000 + 5,000 + 800 + 50 + 6 =$
(705,856 or 750,856 or 75,856)
- 4 $4 + 800,000 + 600 + 2,000 =$
(4,862 or 802,604 or 820,604)
- 5 45 Thousands + 8 Hundreds + 6 Ones =
(45,806 or 450,086 or 4,586)
- 6 20 Thousands + 50 Hundreds =
(205,000 or 20,500 or 25,000)
- 7 500 Hundreds = Thousands (50 or 500 or 5,000)
- 8 80 Thousands = Hundreds (800 or 8,000 or 80,000)
- 9 4,000 Tens = Thousands (4 or 40 or 4,000)
- 10 The **value** of the digit 7 in 37,856 is
(700 or 7,000 or 70,000)
- 11 The **value** of the digit 0 in 75,036 is
(0 or 100 or 1,000)
- 12 The **place value** of the digit 4 in 85,247 is the
(Ones or Tens or Hundreds)
- 13 The **place value** of the digit 6 in 765,217 is the
(Thousands or Ten Thousands or Hundred Thousands)

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- 14 The **smallest** 5-digit number is
(10,000 or 10,234 or 99,999)
- 15 The **greatest** 6-digit number is
(100,000 or 999,999 or 98,765)
- 16 The **greatest** 4-different-digit number is
(1,023 or 9,999 or 9,876)
- 17 The **smallest** 4-different-digit number is
(1,234 or 1,023 or 1,111)
- 18 The **greatest** number that can be formed from the digits
5, 3, 8, 4, and 6 is (53,846 or 86,543 or 34,568)
- 19 The **smallest** number that can be formed from the digits
7, 9, 0, 3, and 1 is (13,790 or 97,310 or 10,379)
- 20 The **greatest** 5-digit number that can be formed from the digits
4, 8, and 2 is (88,842 or 80,042 or 84,222)
- 21 The number that comes just **after** 45,099 is
(45,000 or 46,000 or 45,100)
- 22 The number comes just **after** 70,010.
(70,009 or 70,011 or 70,020)
- 23 78,099 comes just **before**
(79,000 or 78,100 or 78,098)
- 24 The number that comes just **before** 10,000 is
(9,999 or 10,001 or 99,998)
- 25 45,025 45,205 (< or = or >)
- 26 70 Thousands 7,000 Tens (< or = or >)
- 27 $5 + 30 + 700 + 9,000$ 5,379 (< or = or >)

28 900 Thousands + 90 Tens 900,090

(< or = or >)

29 543 + 457 10 Hundreds

(< or = or >)

30 9,000 - 458 6,257 + 2,623

(< or = or >)

Second: Answer the following:

1 Write the number shown in the following table in the forms below:

Thousands			Hundreds	Tens	Ones
Hundreds	Tens	Ones			
	7	4	5	7	3

Standard Form:

Word Form:

Expanded Form:

Units Form: Thousands + Hundreds + Tens + Ones

2 Write the number shown in the following table in the forms below:

Thousands			Hundreds	Tens	Ones
Hundreds	Tens	Ones			
6	1	5	9	1	2

Standard Form:

Word Form:

Expanded Form:

Units Form: Thousands + Hundreds + Ten + Ones

3 Arrange the following numbers in an ascending order:

a 75,205 , 75,025 , 75,520 , 75,502 , 75,250

..... , , , ,

b 99,999 , 10,000 , 99,000 , 100,000 , 9,999

..... , , , ,

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4 Arrange the following numbers in a **descending** order:

a 85,085 , 58,058 , 85,850 , 58,580 , 85,805

..... , , , ,

b 10,234 , 10,000 , 11,111 , 10,023 , 10,011

..... , , , ,

5 Use the **place value strategy** to find:

a $252 + 681 = \dots\dots\dots$

	Hundreds	Tens	Ones		Hundreds	Tens	Ones
				+			
=	Hundreds	Tens	Ones		Hundreds	Tens	Ones
				=			

b $172 + 228 = \dots\dots\dots$

Hundreds	Tens	Ones	+	Hundreds	Tens	Ones
=			=			
Hundreds	Tens	Ones		Hundreds	Tens	Ones

c $645 - 128 = \dots\dots\dots$

Hundreds	Tens	Ones

Check: $\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

d $5,124 - 2,516 = \dots\dots\dots$

Thousands	Hundreds	Tens	Ones

Check: $\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

Final Revision

6 Use the **expanded form strategy** to find:

a $782 + 126 = \dots\dots\dots$

$$\begin{array}{r} \dots\dots\dots + \dots\dots\dots + \dots\dots\dots \\ \dots\dots\dots + \dots\dots\dots + \dots\dots\dots \\ \hline \dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots \end{array}$$

b $2,354 + 1,652 = \dots\dots\dots$

$$\begin{array}{r} \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots \\ \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots \\ \hline \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots \end{array}$$

7 Use the **number line strategy** to find:

a $573 + 125 = \dots\dots\dots$



b $6,215 + 1,286 = \dots\dots\dots$



c $864 - 123 = \dots\dots\dots$



d $4,615 - 387 = \dots\dots\dots$



8 Solve the following story problems:

a Nehal has **245** LE and Sama has **368** LE. How much money do they have altogether?

.....

b Omar had **7,158** LE. He bought a TV set for **2,420** LE. Find the remaining money with Omar.

.....

c Ahmed had **984** LE. He bought a shirt for **245** LE and trousers for **455** LE. How much money does he have left?

.....

d The library originally had a total of **1,258** books. Out of these, **510** books have been borrowed, and **200** are missing. How many books remain in the library?

.....

Multiplication and Its Properties

First: Choose the correct answer:

- 1 $5 + 5 + 5 + 5 = \dots\dots\dots$ ($4 + 5$ or 4×5 or 5×5)
- 2 $8 + 8 + 8 = 4 \times \dots\dots\dots$ (8 or 3 or 6)
- 3 $9 + 9 = \dots\dots\dots$ (6×3 or $2 + 9$ or 9×9)
- 4 $4 \times 3 = \dots\dots\dots$ ($4 + 4 + 4$ or $3 + 3 + 3$ or $6 + 6 + 6$)
- 5 $6 \times 2 = \dots\dots\dots \times 6$ (2 or 6 or 12)
- 6 $\dots\dots\dots \times 8 = 4 \times 10$ (10 or 5 or 4)
- 7 $4 \times \dots\dots\dots = 6 \times 6$ (6 or 4 or 9)
- 8 $6 \times \dots\dots\dots = 54$ (9 or 5 or 8)
- 9 $\dots\dots\dots \times 8 = 32$ (5 or 8 or 4)
- 10 $4 \times 9 = (4 \times 5) + (4 \times \dots\dots\dots)$ (4 or 5 or 9)
- 11 $8 \times \dots\dots\dots = (8 \times 3) + (8 \times 7)$ (3 or 10 or 8)
- 12 $\dots\dots\dots \times \dots\dots\dots = (3 \times 2) + (3 \times 4)$ (6×6 or 3×8 or 3×6)
- 13 $5 \times 7 = \dots\dots\dots$
($(5 \times 3) + (5 \times 4)$ or $(2 \times 3) + (3 \times 4)$ or $(5 \times 7) + (7 \times 5)$)
- 14 $4 \times 10 = \dots\dots\dots$ (14 or 40 or 140)
- 15 $8 \times \dots\dots\dots = 4,000$ (50 or 500 or $5,000$)
- 16 $50 \times \dots\dots\dots = 10,000$ (200 or $2,000$ or $20,000$)
- 17 $400 \times \dots\dots\dots = 2,000$ (5 or 50 or 500)
- 18 $8 \times 7 \times 10 = \dots\dots\dots \times 10$ (56 or 80 or 70)
- 19 $5 \times 6 \times \dots\dots\dots = 3 \times 100$ (30 or 10 or 300)
- 20 $\dots\dots\dots \times 8 \times 10 = 4 \times 100$ (400 or 4 or 5)
- 21 $6 \times 30 = \dots\dots\dots \times 10$ (180 or 18 or 6)
- 22 $4 \times 20 = 8 \times \dots\dots\dots$ (10 or 80 or 20)
- 23 $60 \times 20 = \dots\dots\dots$ (12 or 120 or $1,200$)

General Exercises

24 $400 \times \dots = 24,000$

25 $50 \times \dots = 10,000$

26 $9 \times 7 = (10 \times 7) - \dots$

27 $9 \times \dots = (10 \times 6) - 6$

28 $24 \div 4 = \dots$

29 $\dots \div 2 = 9$

30 $36 \div \dots = 4$

(6 or 60 or 600)

(20 or 200 or 2,000)

(1 or 9 or 7)

(6 or 7 or 9)

(4 or 6 or 3)

(18 or 9 or 16)

(9 or 8 or 6)

Second: Answer the following:

1 Complete in the same pattern:

a 0, 2, 4, 6, 8,,,

b 30, 27, 24, 21,,,

c 0, 8, 16, 24, 32,,,

d 90, 81, 72, 63,,,

2 Look at each array, then complete:



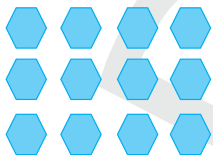
a rows of
..... \times =



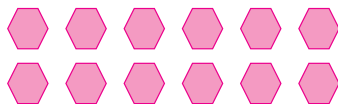
b rows of
..... \times =



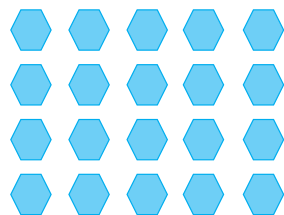
c rows of
..... \times =



d columns of
..... \times =



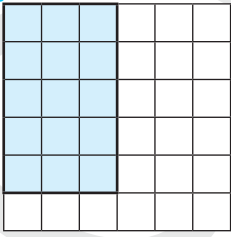
e columns of
..... \times =



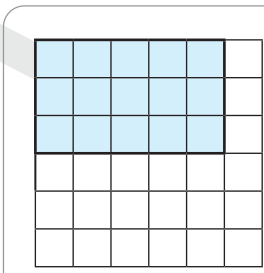
f columns of
..... \times =

3 Complete using the Commutative Property of Multiplication:

a



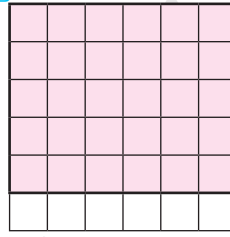
..... × =



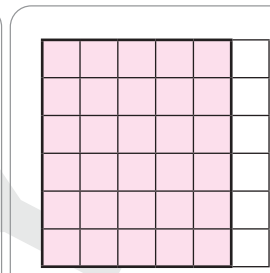
..... × =

So, × = ×

b



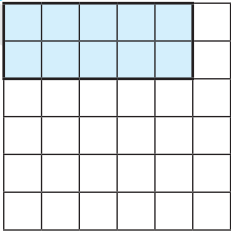
..... × =



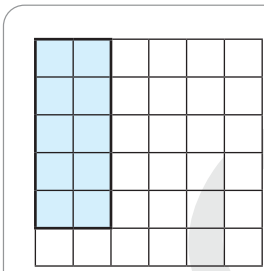
..... × =

So, × = ×

c



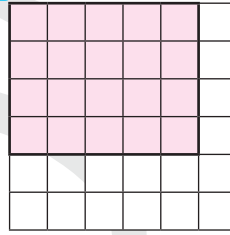
..... × =



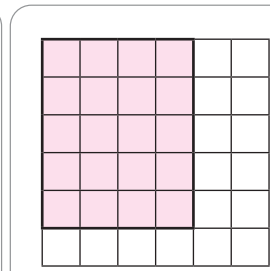
..... × =

So, × = ×

d



..... × =



..... × =

So, × = ×

4 Write the factor pairs and factors of each number :

a

20

- ×
- ×
- ×

Factors of 20 are:

.....

b

18

- ×
- ×
- ×

Factors of 18 are:

.....

c

15

- ×
- ×

Factors of 15 are:

.....

d

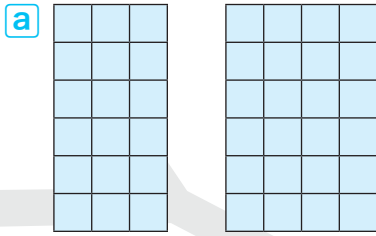
9

- ×
- ×

Factors of 9 are:

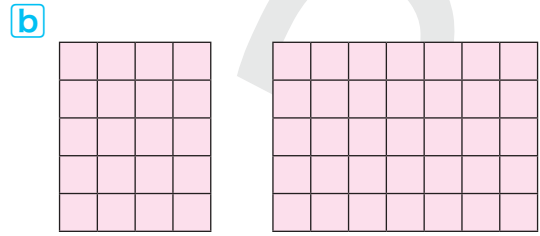
.....

5 Complete using the **Distributive Property**:



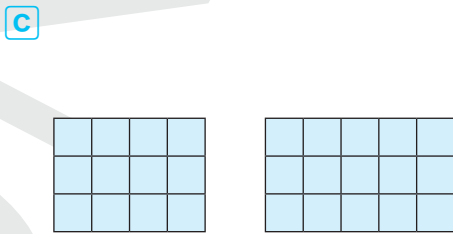
$$(\dots \times \dots) + (\dots \times \dots)$$

$$= \dots + \dots = \dots$$



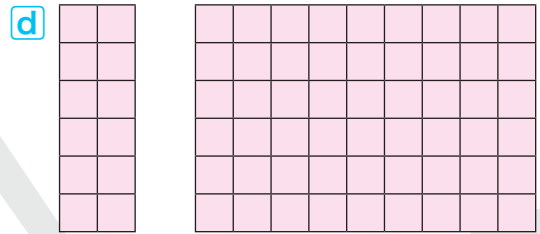
$$(\dots \times \dots) + (\dots \times \dots)$$

$$= \dots + \dots = \dots$$



$$(\dots \times \dots) + (\dots \times \dots)$$

$$= \dots + \dots = \dots$$



$$(\dots \times \dots) + (\dots \times \dots)$$

$$= \dots + \dots = \dots$$

6 Farah went to the store to buy rolls for a big family dinner. She bought **6** bags of rolls, with each bag containing **7** rolls.
How many rolls did Farah buy in total?

.....

.....

7 A basket of apples holds **8** apples. How many apples are there in **4** baskets?

.....

.....

8 Amir packed **5** boxes full of cans. Each box contains **10** cans.
How many cans did Amir pack in all?

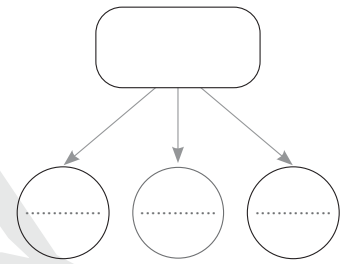
.....

.....

Final Revision

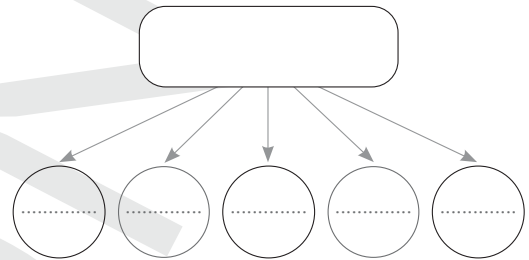
- 9** Each cat needs **3** fish for lunch.
How many cats can we feed if we have **12** fish?

Draw a part-part-whole model to show your answer.



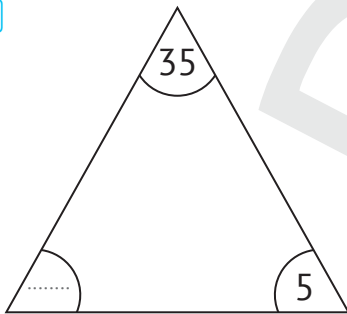
- 10** There are **15** oranges that need to be divided equally between **5** baskets.

Draw a part-part-whole model to show your answer.



- 11** Find the missing **factors** in the triangles, then complete:

a



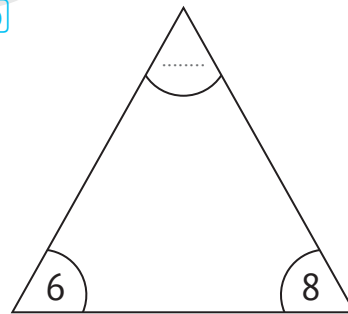
1 × =

2 × =

3 ÷ =

4 ÷ =

b



1 × =

2 × =

3 ÷ =

4 ÷ =

12 Complete the tables below:

X	0	1	2	3	4	5	6	7	8	9	10
0	0										
1						5					
2										18	
3									24		
4			8								
5											50

X	0	1	2	3	4	5	6	7	8	9	10
6							36				
7					28						
8									64		
9											
10											

X	0	1	2	3	4	5	6	7	8	9	10
0	0										
1		1									

13 What is the value of each box?

a

9 X =

b

..... X =

c

..... X =

d

..... X =

Geometry and Measurements

First: Choose the correct answer:

- 1 5 cm = mm (5 or 50 or 500)
- 2 6 m = cm (6 or 60 or 600)
- 3 20 cm = mm (20 or 200 or 2,000)
- 4 20 m = cm (20 or 200 or 2,000)
- 5 700 mm = cm (70 or 700 or 7,000)
- 6 90,000 cm = m (9,000 or 900 or 90)
- 7 1 hour = minutes (60 or 15 or 20)
- 8 Half of an hour = minutes (60 or 15 or 30)
- 9 Quarter of an hour = minutes (60 or 15 or 20)
- 10 One day = hours (24 or 60 or 12)
- 11 2 liters = milliliters (200 or 2,000 or 20,000)
- 12 10 liters = milliliters (100 or 1,000 or 10,000)
- 13 50,000 milliliters = liters (5 or 50 or 500)
- 14 The suitable unit of length to measure the height of a **tree** is
(millimeters or centimeters or meters)
- 15 The suitable unit of length to measure the length of an **insect** is
(millimeters or centimeters or meters)
- 16 The suitable unit of length to measure the length of an **eraser** is
(millimeters or centimeters or meters)
- 17 Salma started training at **4:00** and finished at **6:00**.
She spent hours in training. (2 or 4 or 6)
- 18 Ahmed started school at **eight** o'clock and studied for **40** minutes.
Ahmed finished his studies at
(8:00 or 12:00 or 8:40)

- 19 The **triangle** has sides. (3 or 4 or 5)
- 20 The has **5** sides. (quadrilateral or pentagon or hexagon)
- 21 All sides are **equal** in the (rectangle or kite or rhombus)
- 22 The is a quadrilateral that has **only one parallel pair of opposite sides**. (triangle or rhombus or trapezoid)
- 23 The is a quadrilateral that has **4** right angles. (parallelogram or rectangle or trapezoid)
- 24 The best unit of capacity to measure the volume of liquid in a **spoonful of medicine** is (milliliters or liters or centimeters)
- 25 The best unit of capacity to measure the volume of **water in a swimming pool** is (milliliters or liters or centimeters)
- 26 A **centimeter** is used to measure (length or time or capacity)
- 27 A **liter** is used to measure (length or time or capacity)
- 28 A **minute** is used to measure (length or time or capacity)
- 29 A **milliliter** is used to measure (length or time or capacity)
- 30 A **meter** is used to measure (length or time or capacity)

Second: Answer the following:

- 1 Look at the images below, then figure out the **next images** in the **same pattern**:

a

.....

.....

.....

.....

.....

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b

c

2 Draw the hands and write the time:

a

b

c

It's 10 past 3.

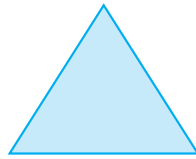
d

e

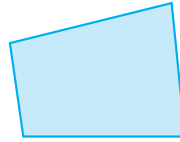
f

It's 10 to 4.

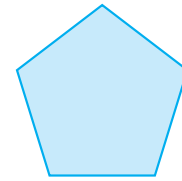
3 Write the **number of sides** and the **name** of each shape:



a

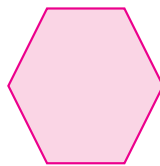


b

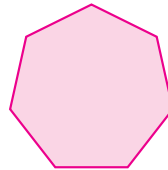


c

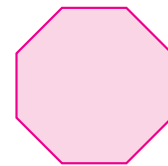
Number of Sides	.....	.....	.....
Name	.....	.....	.....



a



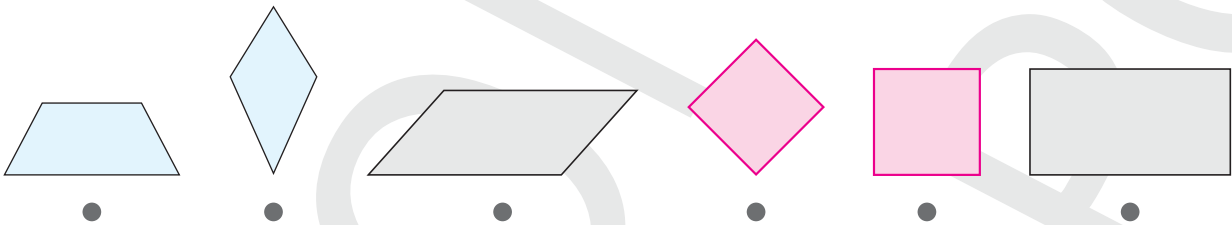
b



c

Number of Sides	.....	.....	.....
Name	.....	.....	.....

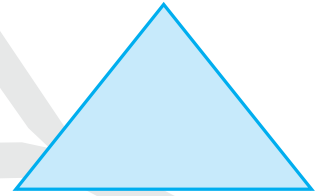
4 Match each **quadrilateral** to its **name**:



- Kite
- Parallelogram
- Trapezoid
- Rectangle
- Rhombus
- Square

Final Revision

5 Use a ruler to measure the **length** of each side, then find the **perimeter** of each of the following shapes:

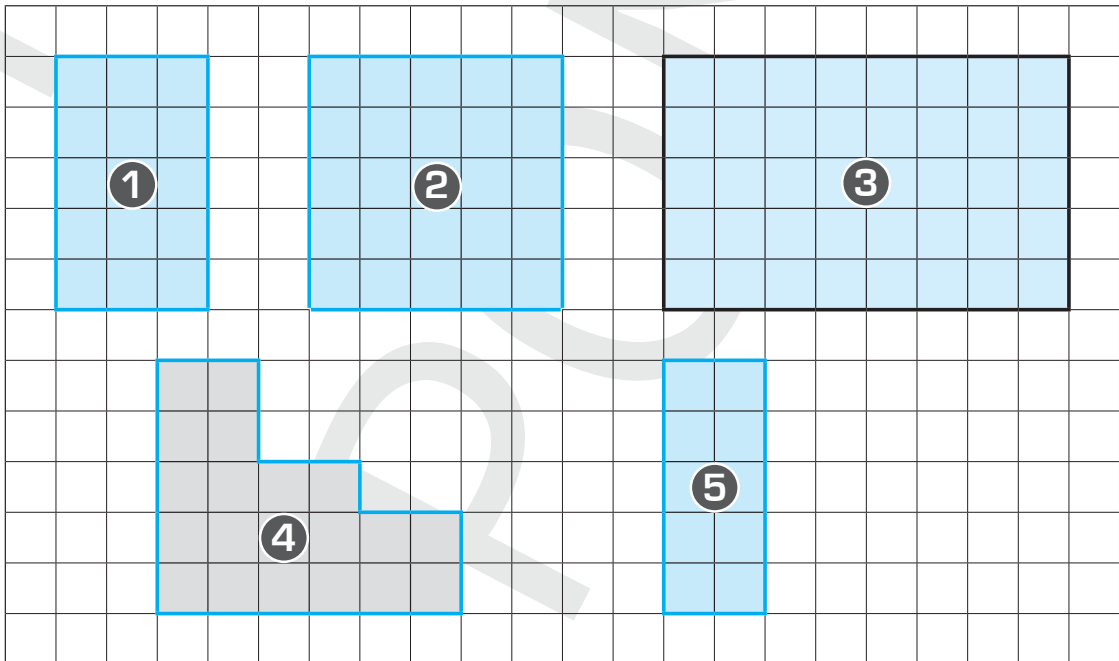


a Perimeter = cm

b Perimeter = cm

c Perimeter = cm

6 Look at the following grid, then complete the table:




Shape	Perimeter	Area
1
2
3
4
5

Model Exams

Model 1

First: Choose the correct answer:

- 1 Twenty-five thousand, twenty-five (in standard form):
(25,025 or 25,250 or 25,205 or 2.525)
- 2 2 liters = milliliters (20 or 200 or 2,000 or 20,000)
- 3 $4 + 4 + 4 + 4 + 4 =$ ($4 + 4$ or 4×4 or $5 + 4$ or 5×4)
- 4 50 cm = mm (5 or 50 or 500 or 5,000)
- 5 The value of the digit 3 in 15,321 is
(3,000 or 300 or 30 or 3)
- 6 $8 \times$ = 4×6 (8 or 4 or 24 or 3)
- 7 The best unit to measure the length of a mobile is
(millimeters or centimeters or meters or kilometers)
- 8 The shape  is called a
(quadrilateral or pentagon or hexagon or triangle)
- 9 $9,000 - 458$ $6,257 + 2,623$ (< or = or >)





Second: Answer the following:

- 1 Mazen bought a shirt for 245 LE and bought a T-shirt for 188 LE.
How much money did Mazen spend?

.....
.....

Final Revision

2 Complete the following table that shows the favorite fruits for 25 students:

Favorite Fruit	Apples 	Oranges 	Bananas 	Pears 
Tallies	//// |	||||	//// | //	|||
Number of Students

Complete the following line plot:

Favorite Fruits



3 Calculate the result of 78×100 :

4 Divide: $72 \div 8 =$

5 The time shown on the opposite clock is



6 Arrange the following numbers in an ascending order:

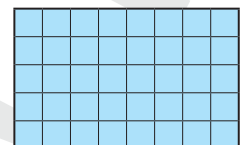
42,402 , 42,204 , 42,024 , 42,420 , 42,240

..... , , , ,

7 Find the area and the perimeter of the following shape:

Area = square units

Perimeter = length units



Model 2

First: Choose the correct answer:

- 1 $6 + 6 + 6 + 6 + 6 = 3 \times \dots\dots\dots$ (3 or 5 or 6 or 10)
- 2 $16 \text{ m} = \dots\dots\dots \text{ cm}$ (160 or 1,600 or 16,000)
- 3 $5 + 400,000 + 400 + 5,000 = \dots\dots\dots$ (5,454 or 405,405 or 454,500)
- 4 $1 \text{ hour} = \dots\dots\dots \text{ minutes}$ (15 or 20 or 30 or 60)
- 5 $8 \times \dots\dots\dots = 40,000$ (50 or 500 or 5,000 or 50,000)
- 6 The value of the digit 6 in 256,823 is $\dots\dots\dots$.
(60 or 600 or 6,000 or 60,000)
- 7 $63 \div 7 = \dots\dots\dots$ (6 or 7 or 8 or 9)
- 8 The greatest 5-digit number is $\dots\dots\dots$.
(10,000 or 90,000 or 99,000 or 99,999)
- 9 $28 \div \dots\dots\dots = 7$ (7 or 3 or 28 or 4)

Second: Answer the following:

- 1 Create an array with 3 rows of 5.

- 2 Find: 20 Thousands + 20 Hundreds = $\dots\dots\dots$ + $\dots\dots\dots$ = $\dots\dots\dots$.

- 3 Write 204,020 in word form.

.....

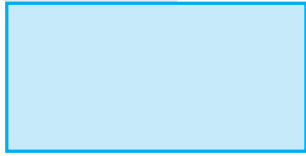
.....

- 4 Find the result: $7,254 - 835 = \dots\dots\dots$

5 In the square, all sides are in length and all angles are
(Complete)

6 Write all factors of 12:
.....

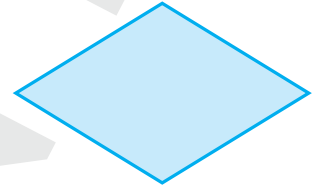
7 Match each quadrilateral to its name:



Rhombus



Rectangle



Parallelogram

Model 3

First: Choose the correct answer:

1 $8 \times 3 =$ ($3 + 3 + 3$ or $8 + 8$ or $4 + 6$ or 4×6)

2 50 Thousands + 50 Hundreds =
(5,050 or 50,500 or 55,000 or 505,000)

3 20 liters = milliliters (20,000 or 2,000 or 200 or 20)

4 10 Thousands = Hundreds (10,000 or 1,000 or 100 or 10)

5 1,000 mm = cm (1,000 or 100 or 10 or 1)

6 $(5 \times 3) + (5 \times 4) =$ (10×12 or 5×7 or 5×12 or 10×7)

7 One day = hours (60 or 15 or 24 or 12)

8 A centimeter is used to measure the
(mass or time or length or capacity)

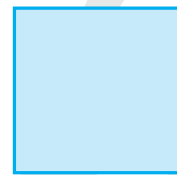
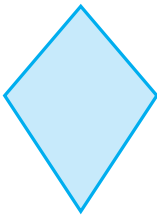
9 The value of the digit 1 in 10,234 is
(10 or 100 or 1,000 or 10,000)

Second: Answer the following:

- 1 How many sides are in a quadrilateral? sides.
- 2 Use the Distributive Property to find: $5 \times 14 = (5 \times 10) + (5 \times \dots)$
 $= \dots + \dots = \dots$.
- 3 Write all factors of 18:

- 4 Complete in the same pattern: 30 , 27 , 24 , 21 , , ,

- 5 Arrange the following numbers in a descending order:
 6,584 , 8,654 , 4,568 , 6,485 , 5,684
,,,,
- 6 Match each quadrilateral to its name:



Trapezium

Square

Kite

7 $4 \times 50 = \dots$ $\times 10 = \dots$

(Complete)

Model 4

First: Choose the correct answer:

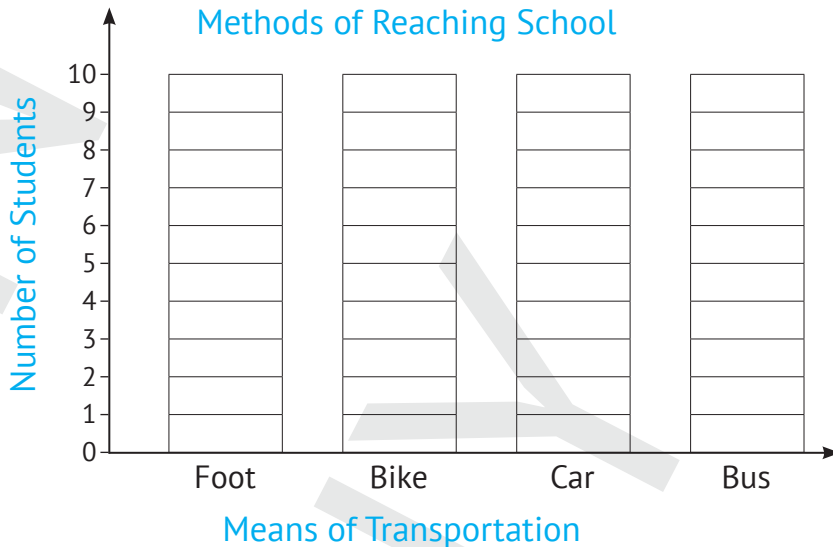
- 1 $400 + 0 + 0 + 5 = \dots\dots\dots$ (45 or 405 or 4,005 or 400,005)
- 2 $9 \times 5 = (\dots\dots\dots \times 10) - 5$ (4 or 9 or 5 or 10)
- 3 The $\dots\dots\dots$ is a quadrilateral that has 4 right angles.
(triangle or parallelogram or rectangle or trapezoid)
- 4 A liter is used to measure the $\dots\dots\dots$.
(mass or time or length or capacity)
- 5 $5 \times 80 = 4 \times \dots\dots\dots$ (10 or 100 or 1,000 or 10,000)
- 6 A pentagon has $\dots\dots\dots$ sides. (3 or 4 or 5 or 6)
- 7 $6 \times \dots\dots\dots = 48$ (5 or 6 or 7 or 8)
- 8 Two hundred thousand, twenty (in standard form): $\dots\dots\dots$.
(220,000 or 202,000 or 200,020 or 20,020)
- 9 $(2 \times 7) + (2 \times 7) = \dots\dots\dots$. (2×7 or 4×14 or 9×9 or 4×7)

Second: Answer the following:

- 1 Write three numbers that come just before 2,000:
 $\dots\dots\dots, \dots\dots\dots, \dots\dots\dots$
- 2 Complete in the same pattern: 98 , 87 , 76 , $\dots\dots\dots, \dots\dots\dots, \dots\dots\dots$.
- 3 Write in standard form: Five hundred ninety-four thousand, four hundred thirty : $\dots\dots\dots$
- 4 Find the result: $4,125 + 2,925 = \dots\dots\dots$
- 5 Write all factors of 16 : $\dots\dots\dots$

- 6 The following table shows the methods used by 20 students to reach school; use it to complete the bar graph below:

Method	On Foot	By Bike	By Car	By Bus
Number of Students	6	4	3	7



- 7 Form the greatest and the smallest numbers that can be formed from the digits 5, 8, 0, 2, and 6.
- The greatest number is, and the smallest number is

Model 5

First: Choose the correct answer:

- 1 $50 + 3,000 + 800 + 700,000 = \dots\dots\dots$
 (53,870 or 73,850 or 703,850 or 70,385)
- 2 $\dots\dots\dots \div 6 = 7$ (13 or 42 or 7 or 6)
- 3 A triangle has $\dots\dots\dots$ sides. (3 or 4 or 5 or 6)

Final Revision

- 4 Ahmed started the game at eight o'clock and continued playing for 40 minutes. Ahmed finished his game at
 (7:20 or 8:00 or 12:00 or 8:40)
- 5 The appropriate unit of length to measure the length of an insect is
 (millimeters or centimeters or meters)
- 6 $60 \times 20 =$ (80 or 12 or 120 or 1,200)
- 7 $543 + 457$ 10 Hundreds (< or = or >)
- 8 The smallest number that can be formed from the digits 7, 9, 0, 3, and 1 is
 (13,790 or 97,310 or 10,379 or 13,709)
- 9 Ninety-four thousand, nine hundred four (in standard form) is:
 (940,904 or 94,904 or 49,904 or 94,094)

Second: Answer the following:

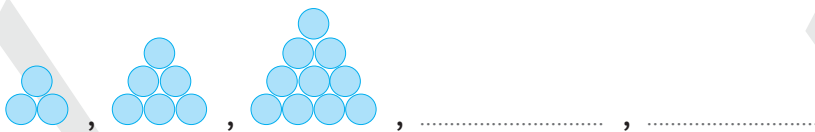
- 1 Sara has 756 LE and Aya has 318 LE. How much money do they have altogether?

.....

.....

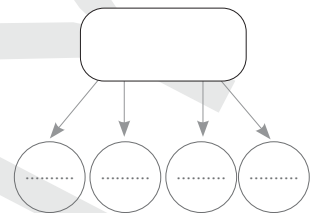
.....

- 2 Complete the following pattern:



- 3 Mr. Amr has 24 crayons to share equally among 4 students. What is the share of each student?

Complete the opposite model.



The share of each student: \div =

- 4 Arrange the following numbers in a descending order:

1,000 , 999 , 10,000 , 9,999 , 1,100

•,,,,

- 5 Use the Distributive Property to find 8×16 .

.....
.....

- 6 If each chair has 4 legs, then how many legs are there in 8 chairs?

.....
.....

- 7 Write the time shown on the clock and write it in the digital clock: It is



General Exercises

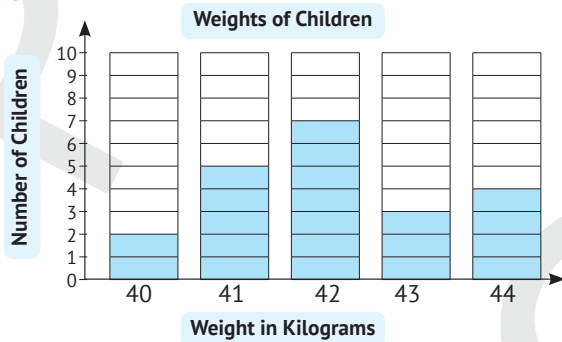
Collecting and Classifying Data

1

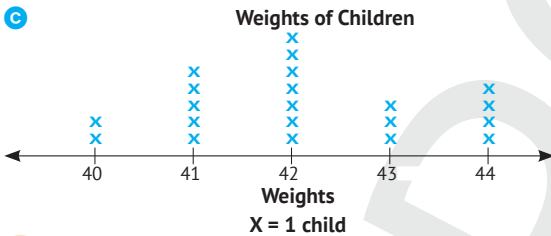
a

Weight	40	41	42	43	44
Tallies	||	||||	|||||	|||	||||
Number of Children	2	5	7	3	4

b



c

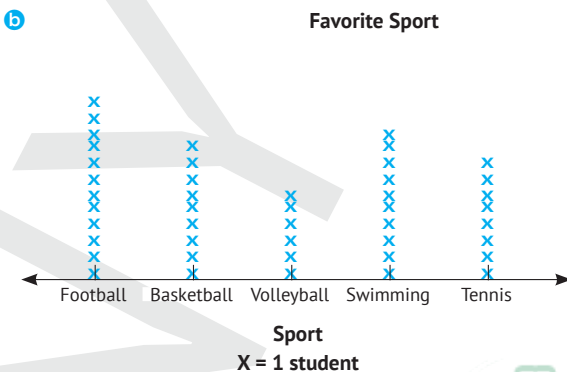


2

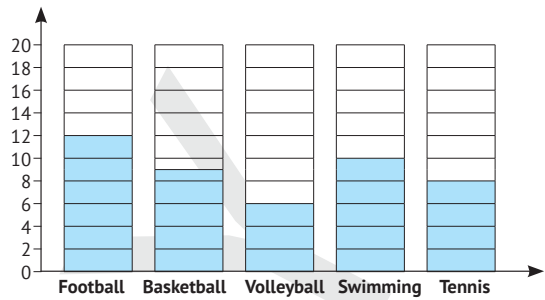
a

Favorite Sport	Football	Basketball	Volleyball	Swimming	Tennis
Tallies	||||| ||	|||||	|||||	|||||	|||||
Number of Students	12	9	6	10	8

b



c



d

- 1 12 2 6 3 $9 + 8 = 17$
 4 football 5 volleyball

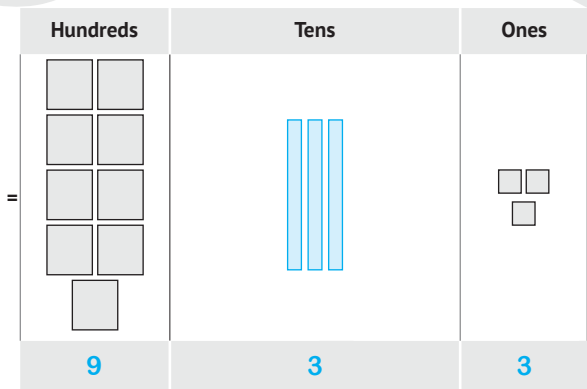
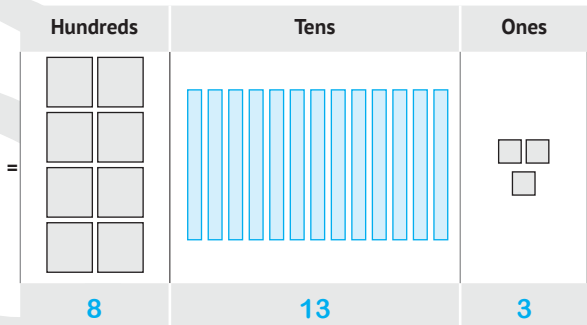
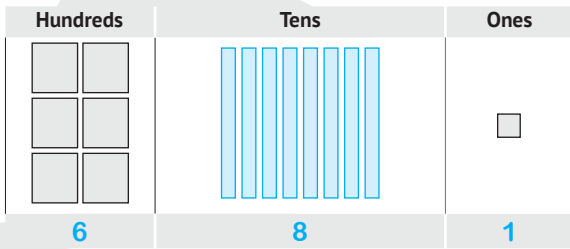
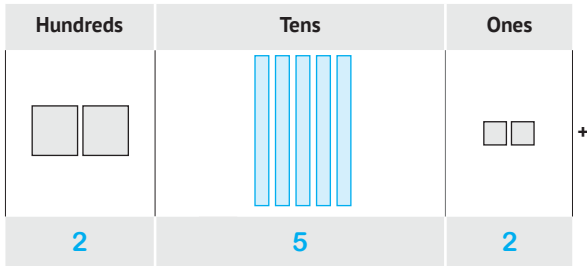
Numbers up to 999,999 and Operations on Them

First:

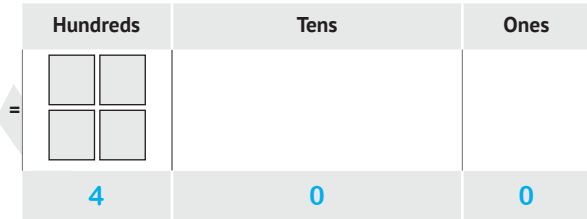
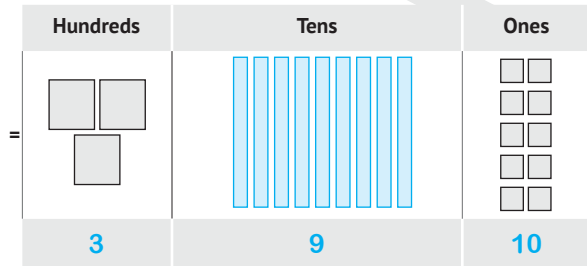
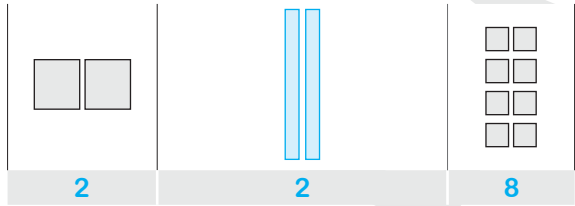
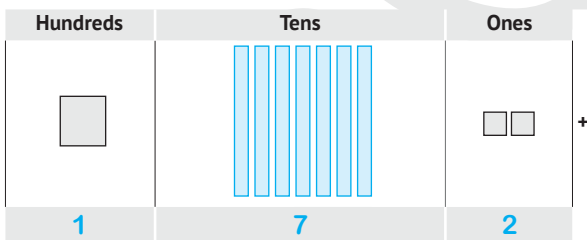
- 1 700,070 2 94,904 3 75,856
 4 802,604 5 45,806 6 25,000 7 50
 8 800 9 40 10 7,000 11 0
 12 Tens 13 Ten Thousands 14 10,000
 15 999,999 16 9,876 17 1,023 18 86,543
 19 10,379 20 88,842 21 45,100 22 70,011
 23 78,100 24 9,999 25 < 26 =
 27 > 28 > 29 = 30 <

Second:

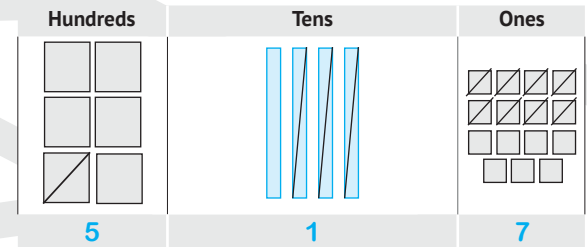
- 1 • 74,573
 • Seventy-four thousand, five hundred seventy- three
 • $70,000 + 4,000 + 500 + 70 + 3$
 • 74 Thousands + 5 Hundreds + 7 Tens + 3 Ones
 2 • 615,912
 • Six hundred fifteen thousands, nine hundred twelve
 • $600,000 + 10,000 + 5,000 + 900 + 10 + 2$
 • 615 Thousands + 9 Hundreds + 1 Ten + 2 Ones
 3 a 75,025 , 75,205 , 75,250 , 75,502 , 75,520
 b 9,999 , 10,000 , 99,000 , 99,999 , 100,000
 4 a 85,850 , 85,805 , 85,580 , 85,085 , 85,058
 b 11,111 , 10,234 , 10,023 , 10,011 , 10,000
 5 a $252 + 681 = 933$



b) $172 + 228 = 400$

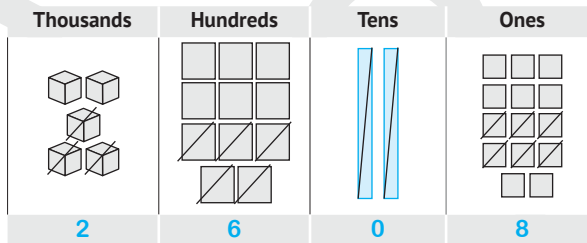


c) $645 - 128 = 517$



• Check: $128 + 517 = 645$

d) $5,124 - 2,516 = 2,608$



• Check: $2,516 + 2,608 = 5,124$

6 a) $782 + 126 = 908$

$$\begin{array}{r} 700 + 80 + 2 \\ 100 + 20 + 6 \\ \hline 800 + 100 + 8 = 908 \end{array}$$

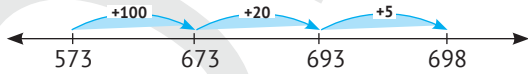
b) $2,354 + 1,652 = 4,006$

$$1,000 + 600 + 50 + 2$$

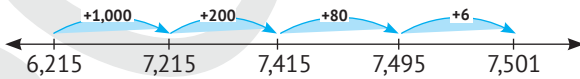
Guide Answers

$$\begin{array}{r} 2,000 + 300 + 50 + 4 \\ 3,000 + 900 + 100 + 6 = 4,006 \end{array}$$

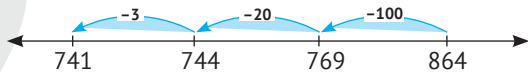
7 a) $573 + 125 = 698$



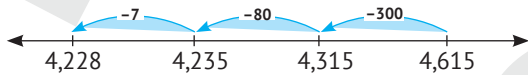
b) $6,215 + 1,286 = 7,501$



c) $864 - 123 = 741$



d) $4,615 - 387 = 4,228$



8 a) $245 + 368 = 613$ LE

b) $7,158 - 2,420 = 4,738$ LE

c) • $245 + 455 = 700$ LE

• $984 - 700 = 284$ LE

d) • $510 + 200 = 710$ books

• $1,258 - 710 = 548$ books

Multiplication and Its Properties

- First:
- | | | |
|-----------------------------------|-----------|------------------|
| 1) 4×5 | 2) 6 | 3) 6×3 |
| 4) $4 + 4 + 4$ | 5) 2 | 6) 5 |
| 7) 9 | 8) 9 | 9) 4 |
| 10) 4 | 11) 10 | 12) 3×6 |
| 13) $(5 \times 3) + (5 \times 4)$ | 14) 40 | 15) 500 |
| 16) 200 | 17) 5 | 18) 56 |
| 19) 10 | 20) 5 | 21) 18 |
| 22) 10 | 23) 1,200 | 24) 60 |
| 25) 200 | 26) 7 | 27) 6 |
| 28) 6 | 29) 18 | 30) 9 |

Second: 1 a) 10, 12, 14, 16

b) 18, 15, 12, 9

c) 40, 48, 56, 64

d) 54, 45, 36, 27

2 a) 3 rows of 4.

• $3 \times 4 = 12$

b) 2 rows of 6.

• $2 \times 6 = 12$

c) 4 rows of 5.

• $4 \times 5 = 20$

d) 4 columns of 3.

• $4 \times 3 = 12$

e) 6 columns of 2.

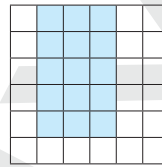
• $6 \times 2 = 12$

f) 5 columns of 4.

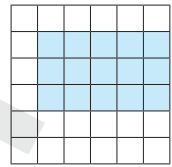
• $5 \times 4 = 20$

3

a)



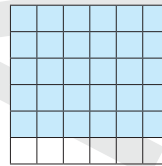
$5 \times 3 = 15$



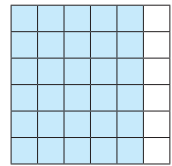
$3 \times 5 = 15$

So, $5 \times 3 = 3 \times 5$

b)



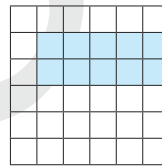
$5 \times 6 = 30$



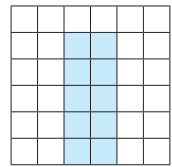
$6 \times 5 = 30$

So, $5 \times 6 = 6 \times 5$

c)



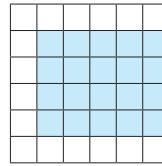
$2 \times 5 = 10$



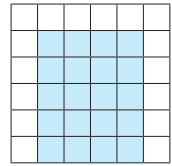
$5 \times 2 = 10$

So, $2 \times 5 = 5 \times 2$

d)



$4 \times 5 = 20$



$5 \times 4 = 20$

So, $4 \times 5 = 5 \times 4$

4 a) • 1×20

• 20×1

• 2×10

• 10×2

• 4×5

• 5×4

• Factors of 20 are: 1, 2, 4, 5, 10, 20

b) • 1×18

• 18×1

• 2×9

• 9×2

• 3×6

• 6×3

• Factors of 18 are: 1, 2, 3, 6, 9, 18

c) • 1×15

• 15×1

• 3×5

• 5×3

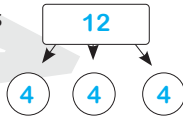
• Factors of 15 are: 1, 3, 5, 15

- d • 1×9 • 9×1
 • 3×3
 • Factors of 9 are: 1, 3, 9

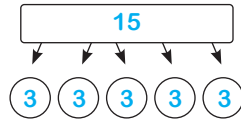
5

a $(6 \times 3) + (6 \times 4)$ $= 18 + 24 = 42$	b $(5 \times 4) + (5 \times 7)$ $= 20 + 35 = 55$
c $(3 \times 4) + (3 \times 5)$ $= 12 + 15 = 27$	d $(6 \times 2) + (6 \times 9)$ $= 12 + 54 = 66$

- 6 $6 \times 7 = 42$ rolls 7 $8 \times 4 = 32$ apples
 8 $5 \times 10 = 50$ cans
 9 $12 \div 3 = 4$ cats

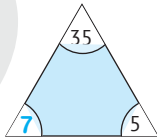


- 10 $15 \div 5 = 3$ oranges



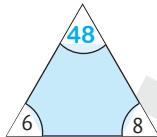
11

a



- 1 $7 \times 5 = 35$
 2 $5 \times 7 = 35$
 3 $35 \div 7 = 5$
 4 $35 \div 5 = 7$

b



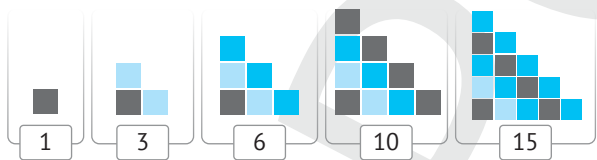
- 1 $6 \times 8 = 48$
 2 $8 \times 6 = 48$
 3 $48 \div 6 = 8$
 4 $48 \div 8 = 6$

12 and 13 Answer by yourself.

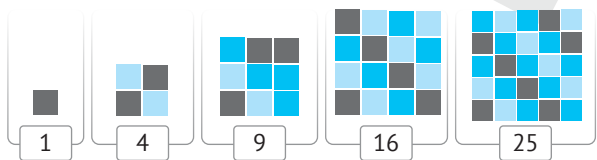
Geometry and Measurements

- First: 1 50 2 600 3 200
 4 2,000 5 70 6 900
 7 60 8 30 9 15
 10 24 11 2,000 12 10,000
 13 50 14 meters 15 millimeter
 16 centimeters 17 2 18 8 : 40
 19 3 20 pentagon 21 rhombus
 22 trapezoid 23 rectangle 24 milliliters
 25 liters 26 length 27 capacity
 28 time 29 capacity 30 length

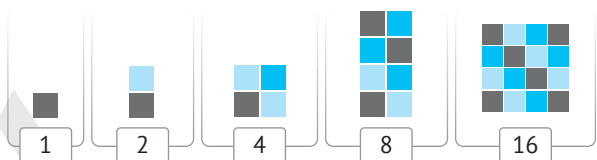
Second: 1 a



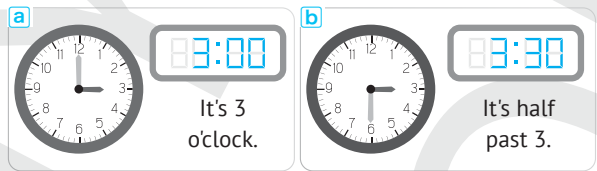
b



c



2



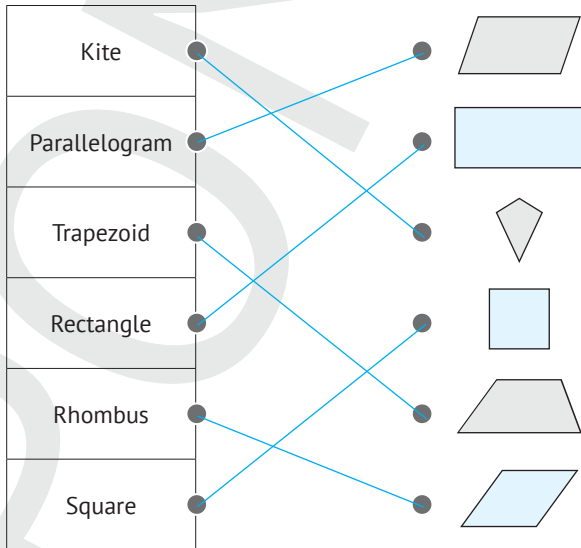
3

	a	b	c
Number of Sides	3	4	5
Name	Triangle	Quadrilateral	Pentagon

	a	b	c
Number of Sides	6	7	8
Name	Hexagon	Heptagon	Octagon

4

Guide Answers



- 5 a Perimeter = 12 cm b Perimeter = 10 cm
 c Perimeter = 10 cm
 6

Shape	1	2	3	4	5
Perimeter	16	20	26	22	14
Area	15	25	40	20	10

Model Exams

Model 1

First:

- 1 25,025 2 2,000 3 5×4
 4 500 5 300 6 3
 7 centimeters 8 hexagon 9 <

Second:

- 1 $245 + 188 = 433$ LE
 2

Favorite Fruit	Apples	Oranges	Bananas	Pears
Tallies				
Number of Students	8	4	10	3

- 3 7,800 4 9 5 20 past 9
 6 42,024 , 42,204 , 42,240 , 42,402 , 42,420
 7 Area = $5 \times 8 = 40$ square units
 Perimeter = 26 length units

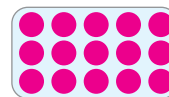
Model 2

First:

- 1 10 2 1,600 3 405,405
 4 60 5 5,000 6 6,000
 7 9 8 99,999 9 4

Second:

1



- 2 $20,000 + 2,000 = 22,000$
 3 Two hundred four thousands, twenty
 4 7,419 5 equal - right
 6 1, 2, 3, 4, 6, 12
 7 → Rectangle
 → Parallelogram
 → Rhombus

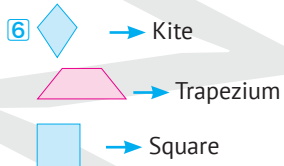
Model 3

First:

- 1 4×6 2 55,000 3 20,000
- 4 100 5 100 6 5×7
- 7 24 8 length 9 10,000

Second:

- 1 4 2 4 , $50 + 20 = 70$
- 3 1, 2, 3, 6, 9, 18 4 18, 15, 12
- 5 8,654 , 6,584 , 6,485 , 5,684 , 4,568



7 $20 \times 10 = 200$

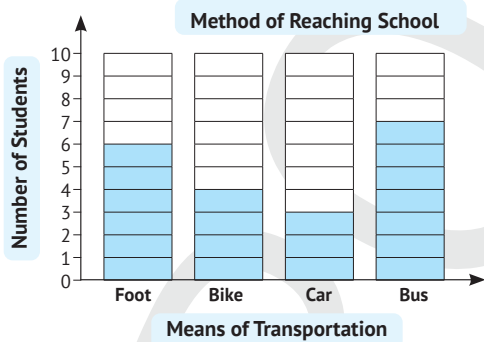
Model 4

First:

- 1 405 2 5 3 rectangle
- 4 capacity 5 100 6 5
- 7 8 8 200,020 9 4×7

Second:

- 1 1,999 , 1998 , 1997 2 65 , 54 , 43
- 3 594,430 4 7,050
- 5 1, 2, 4, 8, 16
- 6



- 7 Greatest: 86,520
Smallest: 20,568

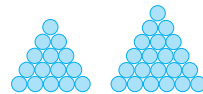
Model 5

First:

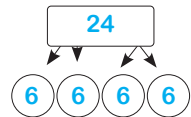
- 1 703,850 2 42 3 3
- 4 $8 : 40$ 5 millimeters 6 1,200
- 7 = 8 10,379 9 94,904

Second:

- 1 $756 + 318 = 1,074$ LE
- 2



3 $24 \div 4 = 6$ crayons



- 4 10,000 , 9,999 , 1,100 , 1,000 , 999
- 5 $8 \times (10 + 6) = 8 \times 10 + 8 \times 6 = 80 + 48 = 108$
- 6 $4 \times 8 = 32$ legs
- 7 20 to 6

