


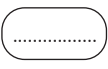
MATHEMATICS



الصف **3** الابتدائي
نماذج امتحانات الأضواء النهائية

الفصل الدراسي الثاني 2024 - 2025

1 Choose the correct answer:

- (a) $\div 2 = 5$ (5 , 10 , 7 , 3)
- (b) $4 \times 13 =$ (60 , 52 , 62 , 17)
- (c) The area of the square = ($L \times W$, $S \times S$, $4 \times S$, $L + W$)
- (d) The place value of digit 2 in the number 12,354 is
(2,000 , 200 , hundred , thousand)
- (e) The fraction that represents the shaded part is  ($\frac{1}{7}$, $\frac{1}{8}$, $\frac{1}{6}$, 7)
- (f) $\frac{1}{2}$  $\frac{1}{6}$ (< , > , = , otherwise)
- (g) 12 , 14 , 16 , (in the same pattern) (8 , 14 , 10 , 18)
- (h) $\frac{5}{7} - \frac{1}{7} =$ ($\frac{1}{7}$, $\frac{4}{7}$, $\frac{3}{7}$, $\frac{2}{7}$)
- (i) $\frac{1}{4}$ of 28 = (4 , 9 , 7 , 8)

2 Answer each of the following:

- (a) Malek has 234 pounds, he gave his sister 120 pounds. **How much money was left with him?**
▶
- (b) Ahmed started playing a football match at 02:23 p.m., he finished the match at 03:53 p.m.
What is the elapsed time?
▶
- (c) Write the following number in the standard form:
- 1 200 + 2,000 + 40 + 3 =
- 2 Three hundred thousand and seventy one is

d What is the value of: $\frac{1}{8} \times 32$?



.....

e Write three equivalent fractions to $\frac{1}{2}$.



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f Write the greatest and smallest number formed from digits: 2 , 3 , 5 , 9 , 0 and 7.



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g Find the area and perimeter of the following rectangle.



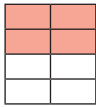
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1 Choose the correct answer:

- a $(2 \times 3) \times 5 = 2 \times (\dots \times 5)$ (2 , 3 , 5 , 8)
- b $\frac{3}{8} - \frac{1}{8} = \dots$ ($\frac{3}{8}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{8}$)
- c $\frac{1}{2}$ of a day = hours (24 , 20 , 12 , 6)
- d The perimeter of a square of a side length 5 cm is cm. (25 , 20 , 15 , 10)
- e The fraction that represents the colored part =  ($\frac{8}{4}$, $\frac{4}{4}$, $\frac{1}{2}$, $\frac{1}{4}$)
- f The fraction $\frac{3}{4}$ is equivalent to ($\frac{9}{13}$, $\frac{2}{4}$, $\frac{6}{8}$, $\frac{3}{9}$)
- g The value of digit 2 in the number 13,247 is (2,000 , 20 , 200 , 2)
- h $1 = \dots$ fourths (2 , 3 , 4 , 8)
- i $\times 7 = 56$ (5 , 6 , 7 , 8)

2 Answer each of the following:

- a Fady has L.E. 140. He gave his sister L.E. 80 and shared the rest with 5 of his friends.

What is the share of each one?

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- b The following table shows the favorite colors for some students, observe then answer the questions:

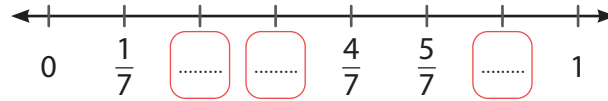
| Colors | Red | Blue | Green | Black |
|-----------------|-----|------|-------|-------|
| No. of students | 2 | 5 | 3 | 2 |

- 1 What is the most favorite color?
- 2 How many students liked Red and Green altogether?

.....

.....

c Complete the missing fractions on the following number line:

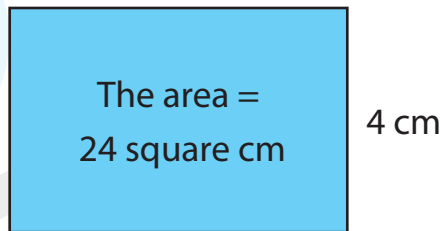


d Arrange the following numbers from the least to greatest:

235,204 , 325,204 , 235,240 , 325,240



e Find the perimeter of the following rectangle.



f Ahmed bought 4 kilograms of dates for L.E. 15 each, and 2 kilograms of banana for L.E. 18.

How much money did he pay?

g Ali ate $\frac{3}{8}$ of his pie, the next day he ate $\frac{5}{8}$ of the same pie. What amount did he eat?

1 Choose the correct answer:

- (a) The side length of a square is 7 cm, then its perimeter is cm. (28 , 49 , 21 , 14)
- (b) $9 \times \dots = 81$ (6 , 8 , 9 , 7)
- (c) $\frac{\dots}{5} = \frac{4}{20}$ (4 , 3 , 2 , 1)
- (d) = $20,000 + 6,000 + 70 + 8 + 900$ (26,978 , 26,987 , 26,879 , 26,798)
- (e) $\frac{5}{10}$ is equivalent to ($\frac{1}{4}$, $\frac{2}{5}$, $\frac{4}{8}$, $\frac{10}{12}$)
- (f) $1 - \dots = \frac{4}{9}$ ($\frac{5}{1}$, $\frac{5}{9}$, $\frac{4}{9}$, $\frac{5}{5}$)
- (g) The elapsed time from 04:28 to 05:12 is (01:44 , 00:44 , 04:28 , 09:40)
- (h) There are halves in whole one. (2 , 3 , 4 , 5)
- (i) $17 \times 4 = \dots$ (60 , 72 , 86 , 68)

2 Answer each of the following:

- (a) Youssef bought 7 pens for L.E. 5 each, if he had L.E. 45. **How much money was left with him?**

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- (b) Samir finished his homework at 07:30 p.m., if he lasted for 1 hour and 20 minutes. **When did Samir start doing his homework?**

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- (c) If the area of a rectangle is 35 cm^2 , and its width is 5 cm. **Find its length.**

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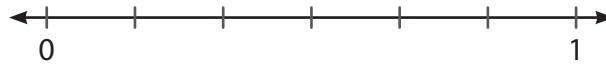
- (d) Arrange the following fractions in descending order. $\frac{1}{5}$, $\frac{1}{3}$, $\frac{1}{9}$, $\frac{1}{2}$.

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e Put the following fractions on the number line:

$$\frac{1}{6}, \frac{3}{6}, \frac{5}{6}$$



f Write the following numbers as required:

1 71,204: (Word form)

2 53,910: (Expanded form)

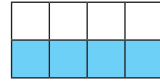
g Soha divided her cake into 7 sevenths, she gave her friend $\frac{2}{7}$ of the cake.

What is the fraction that represents the cake left with Soha?

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1 Choose the correct answer:

- a $\frac{7}{12} - \frac{5}{12} = \dots\dots\dots$ ($\frac{12}{12}, \frac{7}{12}, \frac{2}{12}, \frac{5}{12}$)
- b $48 \div \dots\dots\dots = 6$ (6, 7, 8, 9)
- c $\frac{1}{9}$ of 36 is $\dots\dots\dots$. (6, 5, 4, 3)
- d $2 \times 7 \times 5 = \dots\dots\dots$ (14, 70, 10, 35)
- e The fraction that represents the colored part is $\dots\dots\dots$ ($\frac{4}{6}, \frac{4}{4}, \frac{1}{2}, \frac{5}{8}$)
- f The value of digit 5 in the number 52,179 is $\dots\dots\dots$
(thousand, ten thousand, 5,000, 50,000)
- g The area of a square with 5 cm side length is $\dots\dots\dots$ cm². (20, 25, 10, 15)
- h The fraction $\frac{1}{4}$ is equivalent to $\dots\dots\dots$ ($\frac{1}{5}, \frac{3}{12}, \frac{5}{15}, \frac{6}{12}$)
- i $8 \times 15 = (8 \times 7) + (8 \times \dots\dots\dots)$ (8, 7, 15, 10)



2 Answer each of the following:

- a If the elapsed time is 3 hours and 10 minutes, and the end time is 04:20 p.m.
Find the start time.
.....
.....
- b Adel bought 4 kg of tomatoes for L.E. 12 each, and a kilogram of potatoes for L.E. 30.
How much money did Adel pay?
.....
.....
- c A window in the shape of a rectangle with 3 meters length and 2 meters width.
Find the perimeter and area of the window.
.....
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d Samia drank $\frac{1}{5}$ of a liter of her juice. What is the amount of juice remained with Samia?

.....
.....

e Write the following numbers as required:

- 1 38,962: (Word form)
2 70,904: (Expanded form)

f Arrange the following fractions in an ascending order.

$$\frac{5}{9} , \frac{1}{9} , \frac{7}{9} , \frac{4}{9}$$

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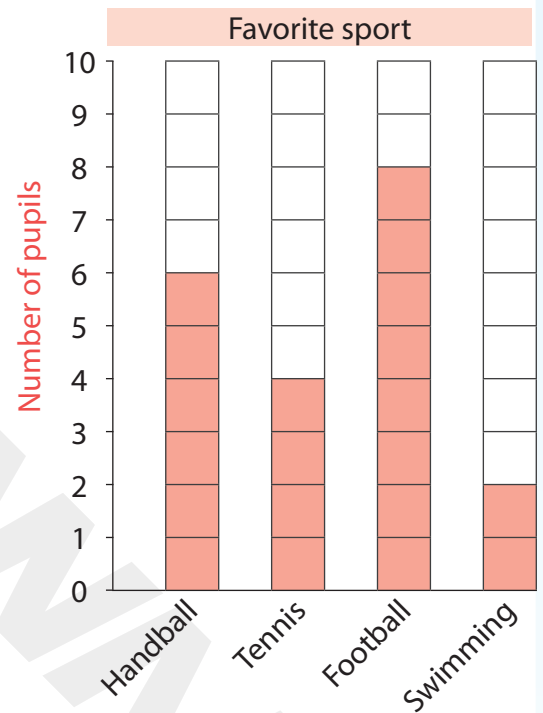
g The opposite bar graph shows the favorite sports for some pupils, observe then answer the questions:

- 1 Which sport is liked the least?

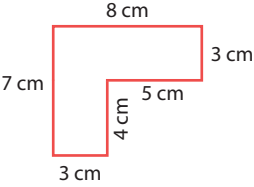
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- 2 What is the number of pupils who liked tennis and football?

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1 Choose the correct answer:

- a $\times 3 = 6$ (18 , 3 , 2 , 4)
- b The perimeter of the shape  is cm. (25 , 30 , 34 , 24)
- c $5 \times 4 \times 1 =$ (21 , 20 , 15 , 10)
- d $\frac{2}{8} + \frac{3}{8} =$ ($\frac{4}{8}$, $\frac{1}{8}$, $\frac{5}{8}$, $\frac{6}{8}$)
- e $\frac{3}{5}$ is equivalent to ($\frac{12}{25}$, $\frac{2}{5}$, $\frac{9}{15}$, $\frac{15}{20}$)
- f $36 \div$ = 6 (4 , 6 , 9 , 12)
- g $1 = \frac{\quad}{5}$ (20 , 15 , 10 , 5)
- h The place value of digit 7 in the number 15,247 is (70 , tens , 7 , ones)
- i $5 \times 13 =$ (60 , 65 , 55 , 18)

2 Answer each of the following:

- a Salma started studying math at 04:30 p.m., she finished at 07:40 p.m.

What is the elapsed time?

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- b Write the following numbers in standard form:

1 $700 + 3,000 + 4 + 30 =$

2 Eighty one thousand and eight hundred fifty is

- c Sara had L.E. 430. She gave her brother L.E. 50. How much money was left with her?

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d If the area of a rectangle is 54 cm^2 , and its length is 9 cm. Find its width.

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e The following table shows the favorite subjects for some students, observe then answer the questions:

| Subjects | Math | Arabic | Art | English |
|-----------------|------|--------|-----|---------|
| No. of students | 10 | 12 | 15 | 8 |

1 What is the most favorite subject?

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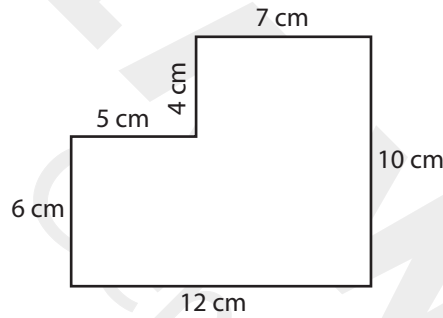
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2 How many students liked English and Math altogether?

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f Find the area of the following figure:



g Maged bought 9 pens for L.E. 72. What is the price of each pen?

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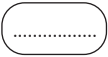
MATHEMATICS



الصف 3 الابتدائي
إجابات نماذج امتحانات الأضواء النهائية

الفصل الدراسي الثاني 2024 - 2025

1 Choose the correct answer:

- a $\div 2 = 5$ (5, **10**, 7, 3)
- b $4 \times 13 =$ (60, **52**, 62, 17)
- c The area of the square = ($L \times W$, **$S \times S$** , $4 \times S$, $L + W$)
- d The place value of digit 2 in the number 12,354 is
(2,000, 200, hundred, **thousand**)
- e The fraction that represents the shaded part is  ($\frac{1}{7}$, **$\frac{1}{8}$** , $\frac{1}{6}$, 7)
- f $\frac{1}{2}$  $\frac{1}{6}$ ($<$, $>$, $=$, otherwise)
- g 12, 14, 16, (in the same pattern) (8, 14, 10, **18**)
- h $\frac{5}{7} - \frac{1}{7} =$ ($\frac{1}{7}$, **$\frac{4}{7}$** , $\frac{3}{7}$, $\frac{2}{7}$)
- i $\frac{1}{4}$ of 28 = (4, 9, **7**, 8)

2 Answer each of the following:

- a Malek has 234 pounds, he gave his sister 120 pounds. **How much money was left with him?**

Answer:

► **The money left with Malek = $234 - 120 = 114$ pounds**

- b Ahmed started playing a football match at 02:23 p.m., he finished the match at 03:53 p.m.
What is the elapsed time?

Answer:

► **The elapsed time = $03:53 - 02:23 = 01:30 = 1$ hour and 30 minutes.**

- c Write the following number in the standard form:

1 $200 + 2,000 + 40 + 3 =$

2 Three hundred thousand and seventy one is

Answer:

1 **2,243**

2 **300,071**

d What is the value of: $\frac{1}{8} \times 32$?

Answer:

▶ $\frac{1}{8} \times 32 = 32 \div 8 = 4$

e Write three equivalent fractions to $\frac{1}{2}$.

Answer:

▶ $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$ (Many Answers)

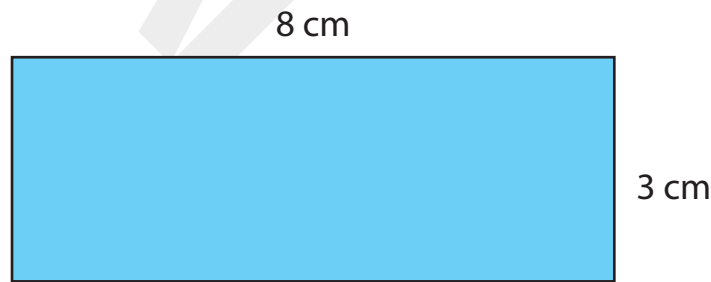
f Write the greatest and smallest number formed from digits: 2 , 3 , 5 , 9 , 0 and 7.

Answer:

▶ The greatest number: 975,320

▶ The smallest number: 203,579

g Find the area and perimeter of the following rectangle.

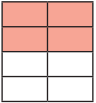


Answer

▶ The area of the rectangle = Length \times Width
= 8×3
= 24 cm^2

▶ The perimeter of the rectangle = (Length + Width) \times 2
= $(8 + 3) \times 2$
= 22 cm

1 Choose the correct answer:

- a $(2 \times 3) \times 5 = 2 \times (\dots \times 5)$ (2 , 3 , 5 , 8)
- b $\frac{3}{8} - \frac{1}{8} = \dots$ ($\frac{3}{8}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{8}$)
- c $\frac{1}{2}$ of a day = hours (24 , 20 , 12 , 6)
- d The perimeter of a square of a side length 5 cm is cm. (25 , 20 , 15 , 10)
- e The fraction that represents the colored part =  ($\frac{8}{4}$, $\frac{4}{4}$, $\frac{1}{2}$, $\frac{1}{4}$)
- f The fraction $\frac{3}{4}$ is equivalent to ($\frac{9}{13}$, $\frac{2}{4}$, $\frac{6}{8}$, $\frac{3}{9}$)
- g The value of digit 2 in the number 13,247 is (2,000 , 20 , 200 , 2)
- h 1 = fourths (2 , 3 , 4 , 8)
- i $\times 7 = 56$ (5 , 6 , 7 , 8)

2 Answer each of the following:

- a Fady has L.E. 140. He gave his sister L.E. 80 and shared the rest with 5 of his friends.
What is the share of each one?

Answer

The left money with Fady = $140 - 80 = \text{L.E. } 60$

, then the share of each friend = $60 \div 5 = \text{L.E. } 12$

- b The following table shows the favorite colors for some students, observe then answer the questions:

| Colors | Red | Blue | Green | Black |
|-----------------|-----|------|-------|-------|
| No. of students | 2 | 5 | 3 | 2 |

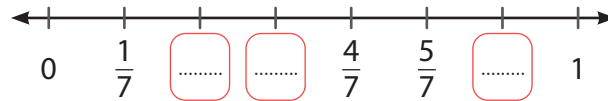
- 1 What is the most favorite color?
- 2 How many students liked Red and Green altogether?

Answer

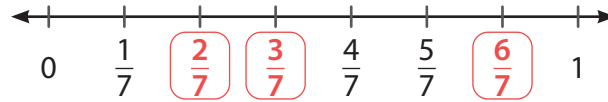
1 The most favorite color is blue.

2 The number of students who liked Red and Green = $2 + 3 = 5$ students

c Complete the missing fractions on the following number line:



Answer:



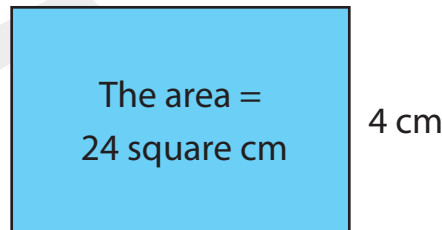
d Arrange the following numbers from the least to greatest:

235,204 , 325,204 , 235,240 , 325,240

Answer:

235,204 , 235,240 , 325,204 , 325,240

e Find the perimeter of the following rectangle.



Answer:

$$\begin{aligned} \text{The length of the rectangle} &= \text{Area} \div \text{width} \\ &= 24 \div 4 = 6 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{The perimeter of the rectangle} &= (L + W) \times 2 \\ &= (6 + 4) \times 2 \\ &= 10 \times 2 = 20 \text{ cm} \end{aligned}$$

f Ahmed bought 4 kilograms of dates for L.E. 15 each, and 2 kilograms of banana for L.E. 18.
How much money did he pay?

Answer:

$$\text{The price of dates} = 4 \times 15 = 4 \times (10 + 5) = 40 + 20 = \text{L.E. } 60$$

$$\text{Ahmed paid} = 60 + 18 = \text{L.E. } 78$$

g Ali ate $\frac{3}{8}$ of his pie, the next day he ate $\frac{5}{8}$ of the same pie. What amount did he eat?

Answer:

$$\text{Ali ate} = \frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1 \text{ pie}$$

Ali ate all of the pie.

1 Choose the correct answer:

- a The side length of a square is 7 cm, then its perimeter is cm. (**28** , 49 , 21 , 14)
- b $9 \times \dots = 81$ (6 , 8 , **9** , 7)
- c $\frac{\dots}{5} = \frac{4}{20}$ (4 , 3 , 2 , **1**)
- d = $20,000 + 6,000 + 70 + 8 + 900$ (**26,978** , 26,987 , 26,879 , 26,798)
- e $\frac{5}{10}$ is equivalent to ($\frac{1}{4}$, $\frac{2}{5}$, **$\frac{4}{8}$** , $\frac{10}{12}$)
- f $1 - \dots = \frac{4}{9}$ ($\frac{5}{1}$, **$\frac{5}{9}$** , $\frac{4}{9}$, $\frac{5}{5}$)
- g The elapsed time from 04:28 to 05:12 is (01:44 , **00:44** , 04:28 , 09:40)
- h There are halves in whole one. (**2** , 3 , 4 , 5)
- i $17 \times 4 = \dots$ (60 , 72 , 86 , **68**)

2 Answer each of the following:

- a Youssef bought 7 pens for L.E. 5 each, if he had L.E. 45. **How much money was left with him?**

Answer:

Youssef paid for 7 pens = $7 \times 5 = \text{L.E. } 35$

The left money with Youssef = $45 - 35 = \text{L.E. } 10$

- b Samir finished his homework at 07:30 p.m., if he lasted for 1 hour and 20 minutes.

When did Samir start doing his homework?

Answer:

Samir started at = $07:30 - 01:20 = 06:10 \text{ p.m.}$

- c If the area of a rectangle is 35 cm^2 , and its width is 5 cm. **Find its length.**

Answer:

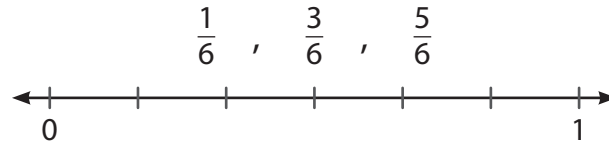
The length = $\text{Area} \div \text{Width} = 35 \div 5 = 7 \text{ cm.}$

- d Arrange the following fractions in descending order. $\frac{1}{5}$, $\frac{1}{3}$, $\frac{1}{9}$, $\frac{1}{2}$.

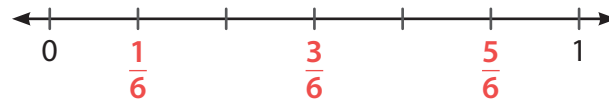
Answer:

$$\frac{1}{2} , \frac{1}{3} , \frac{1}{5} , \frac{1}{9}$$

e Put the following fractions on the number line:



Answer:



f Write the following numbers as required:

1 71,204: (Word form)

2 53,910: (Expanded form)

Answer:

1 Seventy one thousand and two hundred four.

2 $50,000 + 3,000 + 900 + 10$

g Soha divided her cake into 7 sevenths, she gave her friend $\frac{2}{7}$ of the cake.
What is the fraction that represents the cake left with Soha?


Answer:

The cake left with Soha = $\frac{7}{7} - \frac{2}{7} = \frac{5}{7}$ of the cake.

Gem

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1 Choose the correct answer:

- a $\frac{7}{12} - \frac{5}{12} = \dots\dots\dots$ ($\frac{12}{12}, \frac{7}{12}, \frac{2}{12}, \frac{5}{12}$)
- b $48 \div \dots\dots\dots = 6$ (6, 7, 8, 9)
- c $\frac{1}{9}$ of 36 is $\dots\dots\dots$. (6, 5, 4, 3)
- d $2 \times 7 \times 5 = \dots\dots\dots$ (14, 70, 10, 35)
- e The fraction that represents the colored part is $\dots\dots\dots$  ($\frac{4}{6}, \frac{4}{4}, \frac{1}{2}, \frac{5}{8}$)
- f The value of digit 5 in the number 52,179 is $\dots\dots\dots$
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- g The area of a square with 5 cm side length is $\dots\dots\dots$ cm². (20, 25, 10, 15)
- h The fraction $\frac{1}{4}$ is equivalent to $\dots\dots\dots$ ($\frac{1}{5}, \frac{3}{12}, \frac{5}{15}, \frac{6}{12}$)
- i $8 \times 15 = (8 \times 7) + (8 \times \dots\dots\dots)$ (8, 7, 15, 10)

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2 Answer each of the following:

- a If the elapsed time is 3 hours and 10 minutes, and the end time is 04:20 p.m.
Find the start time.

Answer:

$$\begin{aligned} \text{The start time} &= \text{End time} - \text{Elapsed time} \\ &= 04:20 - 03:10 = 01:10 \text{ p.m.} \end{aligned}$$

- b Adel bought 4 kg of tomatoes for L.E. 12 each, and a kilogram of potatoes for L.E. 30.
How much money did Adel pay?

Answer:

$$\begin{aligned} \text{Adel paid for tomatoes} &= 4 \times 12 = \text{L.E. } 48 \\ \text{Adel paid in all} &= 48 + 30 = \text{L.E. } 78 \end{aligned}$$

- c A window in the shape of a rectangle with 3 meters length and 2 meters width.
Find the perimeter and area of the window.

Answer:

$$\begin{aligned} \text{Perimeter of the rectangle} &= (\text{Length} + \text{Width}) \times 2 \\ &= (3 + 2) \times 2 = 10 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{Area of the rectangle} &= \text{Length} \times \text{Width} \\ &= 3 \times 2 = 6 \text{ m}^2 \end{aligned}$$

d Samia drank $\frac{1}{5}$ of a liter of her juice. What is the amount of juice remained with Samia?

Answer:

The remaining amount of juice with Samia = $1 - \frac{1}{5} = \frac{5}{5} - \frac{1}{5} = \frac{4}{5}$ of a liter

e Write the following numbers as required:

- 1 38,962: (Word form)
2 70,904: (Expanded form)

Answer:

- 1 Thirty eight thousand, nine hundred sixty two.
2 $70,000 + 900 + 4$.

f Arrange the following fractions in an ascending order.

$\frac{5}{9}$, $\frac{1}{9}$, $\frac{7}{9}$, $\frac{4}{9}$

Answer:

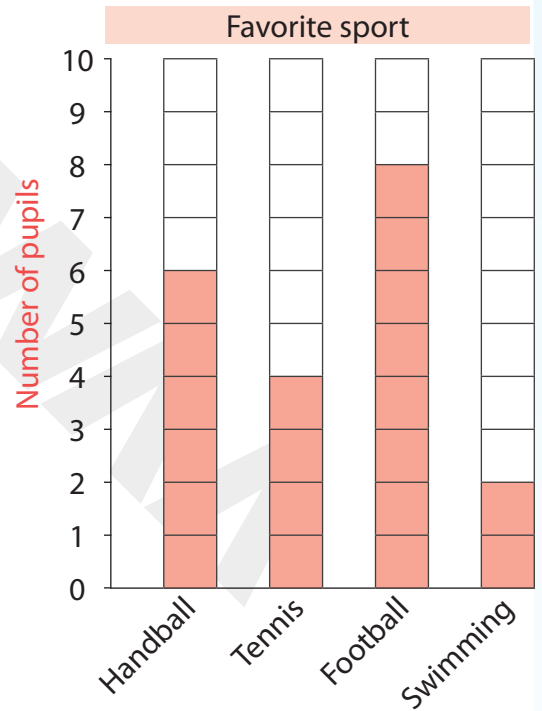
$\frac{1}{9}$, $\frac{4}{9}$, $\frac{5}{9}$, $\frac{7}{9}$

g The opposite bar graph shows the favorite sports for some pupils, observe then answer the questions:

- 1 Which sport is liked the least?
2 What is the number of pupils who liked tennis and football?

Answer:

- 1 The least liked sport is swimming.
2 The number of pupils who liked tennis and football is $4 + 8 = 12$ pupils.



d If the area of a rectangle is 54 cm^2 , and its length is 9 cm. Find its width.

Answer:

$$\begin{aligned}\text{The width} &= \text{Area} \div \text{Length} \\ &= 54 \div 9 = 6 \text{ cm.}\end{aligned}$$

e The following table shows the favorite subjects for some students, observe then answer the questions:

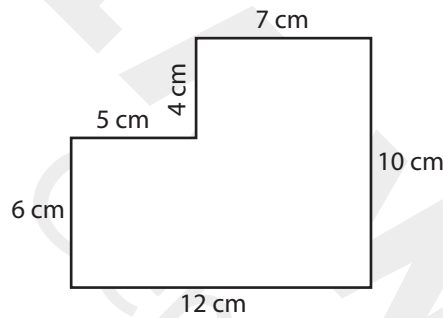
| Subjects | Math | Arabic | Art | English |
|-----------------|------|--------|-----|---------|
| No. of students | 10 | 12 | 15 | 8 |

- 1 What is the most favorite subject?
- 2 How many students liked English and Math altogether?

Answer:

- 1 The most favorite subject is Art.
- 2 The number of students who liked English and Math = $8 + 10 = 18$ students

f Find the area of the following figure:

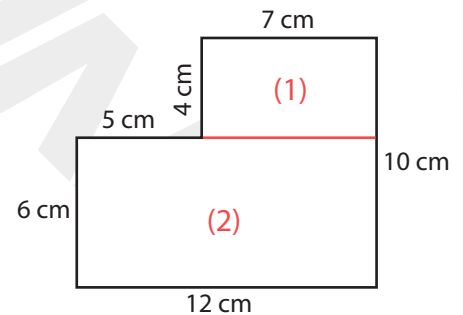


Answer:

$$\begin{aligned}\text{Area of rectangle (1)} &= \text{Length} \times \text{Width} \\ &= 7 \times 4 = 28 \text{ cm}^2\end{aligned}$$

$$\text{Area of rectangle (2)} = 12 \times 6 = 72 \text{ cm}^2$$

$$\text{Area of the figure} = 28 + 72 = 100 \text{ cm}^2$$



g Maged bought 9 pens for L.E. 72. What is the price of each pen?

Answer:

$$\text{The price of each pen} = 72 \div 9 = \text{L.E. } 8$$