



# Math

## Model Exam 1

### Question 1:

- Complete:

a-

$$\begin{array}{r} 342 \\ \times \quad 5 \\ \hline \end{array}$$

.....

b-

$$\begin{array}{r} 8\ 720 \\ \times \quad 100 \\ \hline \end{array}$$

.....

c-

$$\begin{array}{r} \text{.....} \\ 6 \overline{) 24048} \\ \hline \end{array}$$

d-  $22 \times \text{.....} = 100 \times \text{.....} = \text{.....} = \text{.....}$  hundreds

e-  $\frac{8}{16} = \frac{\text{.....}}{\text{.....}}$  (Simplify)

f- The odd number just before 243 is .....

g-  $\frac{4}{9}$  is read as .....

h-  $3 \times 5 \times 10 = \text{.....} \times 50$

i- ..... numerator, ..... denominator =  $\frac{3}{7}$

j- ..... is the sum of all side lengths

k-  $4\ 259 \times 2 = \text{.....}$

l- The place value of 0 in 10322 is .....

m-  $\frac{1}{2} = \frac{3}{\text{.....}} = \frac{9}{\text{.....}} = \frac{\text{.....}}{16} = \frac{\text{.....}}{12} = \frac{\text{.....}}{\text{.....}}$



# Math

## Question 2:

A) Marwa bought 350 presents; she wants to distribute them among her 5 friends. How many presents each friend will take?

Each friend will take = .....

B) Find the perimeter of the square with side length 7 cm.

..... (Use the rule)

## Question 3:

A) Choose the correct answer:

a-  $26 + 13 = \dots\dots$  (odd , even)

b- Three ninths =  $\dots\dots$  ( $\frac{3}{19}$  ,  $\frac{3}{90}$  ,  $\frac{3}{9}$ )

c- If  $10 \overline{)20}^2$  , so 20 is called..... (dividend , divisor , quotient)

d- There are  $\dots\dots$  sevenths in whole one (5 , 10 , 7)

e-  $\dots\dots$  is the smallest even number (1 , 0 , 2)

f-  $9 + 9 + 9 + 9 = 9 \times \dots\dots$  (3 , 9 , 4)

g- It's ..... to find a kid 5 cm height  
(certain – possible – impossible)



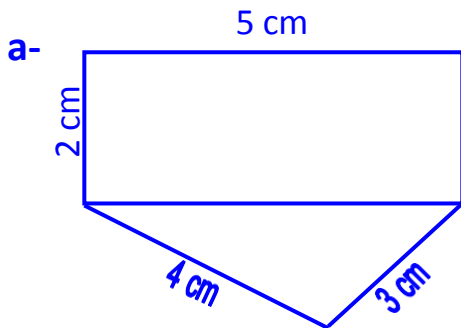
# Math

## Question 4:

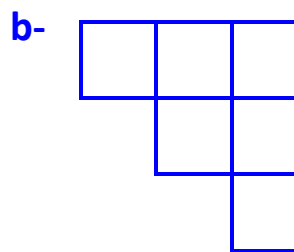
### A) Put (✓) or (✗):

- a- The value of 2 in 32 519 is thousand. ( )
- b- The simplest form of  $\frac{6}{60}$  is  $\frac{6}{10}$  ( )
- c- The perimeter of the square =  $S. \times 4$  ( )
- d- There are two thirds in whole one. ( )
- e- Four sixths in digits is  $\frac{4}{16}$  ( )
- f- The perimeter of rectangle =  $(L \times W) + 2$  ( )
- g- 3 kg of iron > 3 kg of cotton ( )

### B) Find:



P. = ..... = .....



A. = ..... 

A. = ..... 

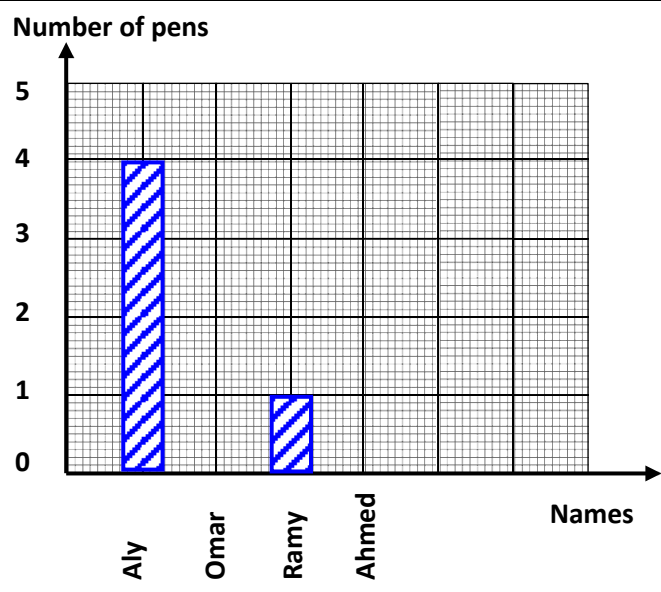
P. = .....



# Math

**C) Complete the table and the graph:**

Month	Aly	Omar	Ramy	Ahmed
Number of pens	.....	5	.....	2



**Question 5:**

**A) Compare:**

- a-  $2 \times 1000$   200
- b- 24 month  2 years
- c- 23 thousands   $23 \times 10$
- d- The greatest even 1-digit number.  The greatest odd 1-digit number.
- e- 5 kg  500 gm

**B) Complete:**

- a- 25 km = .....m
- b- 3500 cm = ..... m
- d- 640 m and 5 km = ..... m



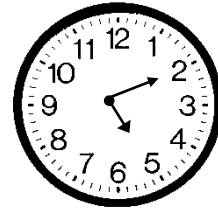
# Math

## Question 6:-

a) Tell the time :

It's:.....

It's : ..... : .....



B) Complete:-

- Third an hour = ..... minutes
- November has ..... days
- 4 Month = ..... days

C - Arrange in desending order:-

$\frac{2}{10}$  ,  $\frac{6}{10}$  ,  $\frac{1}{2}$  ,  $\frac{5}{10}$  , 1

..... , ..... , ..... , ..... , .....



# Math

## Model Exam 2

### Question 1:

#### A) Complete:

a- 
$$\begin{array}{r} 6270 \\ \times \quad 5 \\ \hline \end{array}$$
  
.....

b- 
$$\begin{array}{r} 21967 \\ + 30285 \\ \hline \end{array}$$
  
.....

c- 
$$\begin{array}{r} \text{.....} \\ 8 \overline{) 24064} \\ \hline \end{array}$$

d- 
$$\begin{array}{r} 8\ 000 \\ - 4\ 620 \\ \hline \end{array}$$
  
.....

e-  $6 \times 3 \times 2 = 18 \times \text{.....}$

f-  $1 - \frac{3}{5} = \frac{\text{....}}{\text{....}}$

g-  $6490 \times 100 = \text{.....} = \text{.....}$  thousands

h-  $\text{.....} \times 213 = 21300$

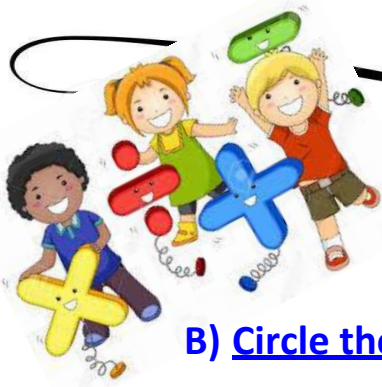
i- 1 year and 5 months =  $\text{.....}$  months

k-  $\frac{5}{45} = \frac{\text{....}}{\text{....}}$  (simplify)

l-  $4 \times \text{.....} = \text{.....} \times 6 = 24$

m-  $\frac{2}{3} = \frac{18}{\text{....}} = \frac{12}{\text{....}} = \frac{\text{....}}{24} = \frac{\text{....}}{6} = \frac{\text{....}}{\text{....}}$

n- 27555 gm =  $\text{.....}$  kg ,  $\text{.....}$  gm



# Math

## B) Circle the even numbers:

123 , 29 , 100 , 912

c) How many seventh in the whole one? .....

## Question 2:

### A) Arrange in descending order:

$\frac{5}{13}$  ,  $\frac{9}{13}$  ,  $\frac{4}{13}$  ,  $\frac{2}{13}$  , 1

..... , ..... , ..... , ..... , .....

B) Rawan bought 3 shirts for 3750 L.E each. How much money did she pay ?

She paid = .....

### C) Choose the correct answer:

- The number of equal parts inside any figure is ....(perimeter – Area)
- $21 + 17 = \dots\dots\dots$  ( odd – even )
- 5 denominator , 7 numerator = ..... (  $\frac{7}{5}$  ,  $\frac{5}{7}$  ,  $\frac{17}{5}$  )
- 3 hours = ..... minute ( 160 , 60 , 180 )
- $\frac{2}{4} = \dots\dots\dots$  (  $\frac{2}{5}$  ,  $\frac{4}{8}$  ,  $\frac{4}{6}$  )
- $\frac{2}{3}$  is read as ..... ( two halves , two thirds , three halves )
- It's ..... to rain gold ( certain – possible – impossible )



# Math

## Question 3:

A) Ali wants to distribute 3216 pens among 4 of his friends. How many pens each one will take?

Each one will take = .....

## B) Compare:

a-  $\frac{2}{5} + \frac{3}{5}$   The smallest odd number

b-  $\frac{5}{9}$    $\frac{6}{9}$

c- Eight  Eighths

d- 300 cm  300 m

e-  $\frac{12}{12}$   Probability of certain event

## Question 4:

A) Find the perimeter of a rectangle with dimensions 3 cm and 5 cm?  
.....(use the rule)

## B) Complete:

a- There are ..... fifths in the whole one .

b- 3 km and 64 m = .....

c-  $\frac{9}{10} - \frac{3}{10} = \frac{\dots}{\dots}$

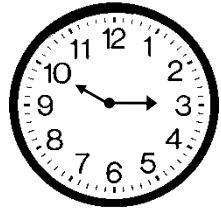
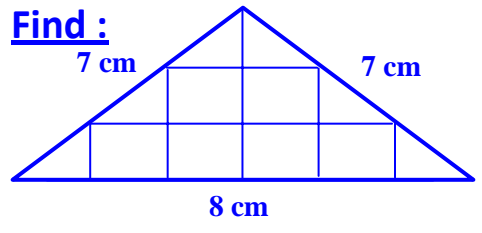




# Math

## Question 5:

A) Find :



P = ..... cm.

it's = .....

A = .....



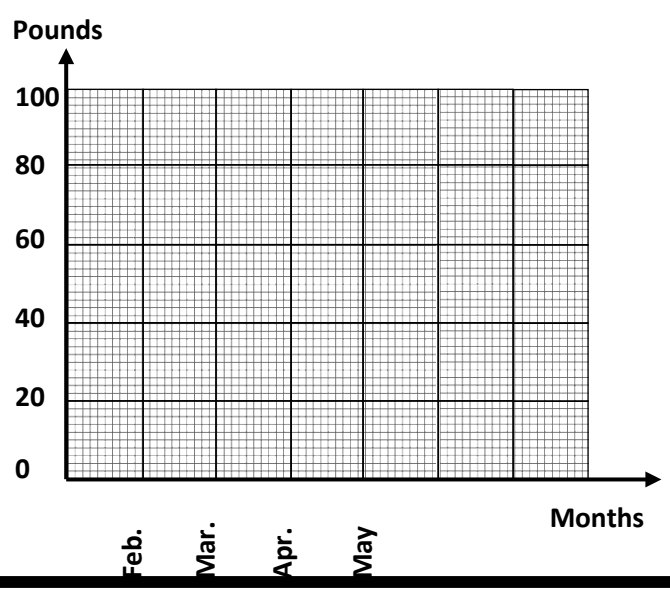
It's = ..... : .....

A = .....



## B) Represent the data by a broken-line.

Month	Feb.	Mar.	Apr.	May
Amount in pounds	20	60	40	100





# Math

## Model Exam 3

### Question 1:

#### A) Complete:

a- 
$$\begin{array}{r} 5471 \\ \times 9 \\ \hline \end{array}$$
  
.....

b- 
$$\begin{array}{r} 26531 \\ + 90572 \\ \hline \end{array}$$
  
.....

c- 
$$\begin{array}{r} \phantom{00000} \\ 6 \overline{) 24060} \\ \hline \end{array}$$

d- 
$$\begin{array}{r} 83021 \\ - \phantom{00000} \\ \hline 57801 \end{array}$$

e- 
$$\frac{9}{14} + \frac{3}{14} = \frac{\dots}{\dots}$$

f- 
$$\frac{14}{21} = \frac{\dots}{\dots} \text{ (simplify)}$$

g-  $3 \times \dots \times 100 = 1200$

h-  $10 \times 440 = \dots = \dots \text{ Tens}$

i-  $5 \times 508 = \dots$

j- The ..... is the number of equal parts inside any figure.

l- 
$$\frac{7}{\dots} = 1$$

m-  $25\,000 \text{ cm} = \dots \text{ m} , \dots \text{ cm}$

n-  $3 \times 6 \times 100 = \dots \times 100$



# Math

o- The probability of the certain event = .....

p- 170 kg = ..... gm

q-  $\frac{6}{7} = \frac{12}{\dots} = \frac{\dots}{21} = \frac{24}{\dots} = \frac{\dots}{70} = \frac{\dots}{\dots}$

B) The perimeter of the rectangle with length = 6 cm and width 3 cm is ..... (use the rule)

C) In a class of 50 pupils, 29 are boys and 21 are girls. If we choose one of them, what is the probability that the chosen pupil is a boy?

.....

## Question 2:

A) Arrange in descending order:

$9 \times 4$  ,  $36 \div 9$  ,  $21 + 91$  ,  $90 - 23$

..... , ..... , ..... , .....

B) Complete:

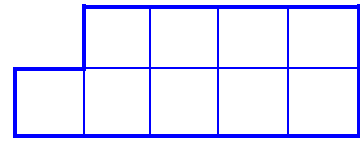
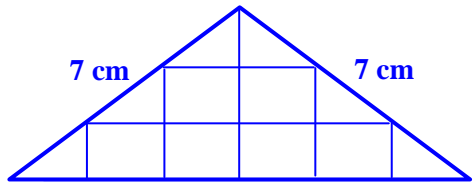
•  $\frac{3}{4} = \frac{6}{\dots}$

• The perimeter of the square = .....



# Math

• Find the area and the perimeter for each figure:



A = .....

A = .....

A = .....

A = .....

P = ..... cm.

P = ..... units.

c) Marwa ate  $\frac{1}{4}$  of a pizza and Rania ate  $\frac{2}{4}$  of a pizza,  
so they both ate = .....

### Question 3:

• Choose the correct answer:

a- The odd number between 20 and 23 is ..... ( 22 , 23, 21 )

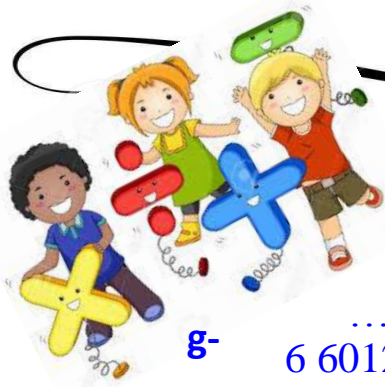
b-  $\frac{8}{32}$  in its simplest form = ..... (  $\frac{4}{16}$  ,  $\frac{1}{4}$  ,  $\frac{2}{4}$  )

c-  $48 \div 6 = 8$  (Dividend – Divisor – Quotient)

d-  $\frac{14}{20} = \frac{7}{\dots}$  ( 40 , 27 , 10 )

e- How many sevenths in the whole one? ( 6 ,  $\frac{1}{7}$  , 7 )

f-  $903 \div 3 = \dots$  (301 – 8 – 900 )



# Math

g-  $6 \overline{) 6012}$  .....

(1002 – 12 – 102)

h-  $\frac{5}{13} > \dots\dots$

(  $\frac{6}{13}$ ,  $\frac{2}{13}$ ,  $\frac{7}{13}$  )

i-  $\frac{5}{6} = \frac{\dots}{\dots}$

(  $\frac{20}{30}$ ,  $\frac{15}{24}$ ,  $\frac{30}{36}$  )

j-  $1282 \times 4 = \dots\dots\dots$

( 1238 – 5128 – 999 )

k- 543 gm and 8 kg = ..... gm

( 5438 – 8543 – 543 )

## Question 4:

### A) Compare:

a-  $3 \times 150$

45 tens

b- 34 km

34000m

c-  $\frac{9}{12}$

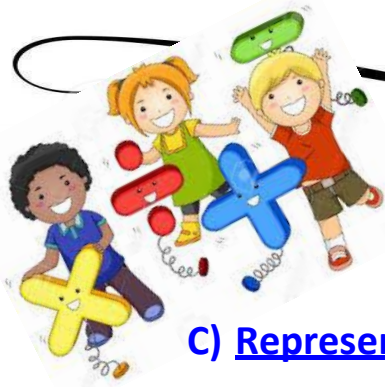
1

d-  $\frac{4}{5}$

$\frac{2}{5}$

**B) Aly saves 130 piasters in a day, how much money does he save in 5 days?**

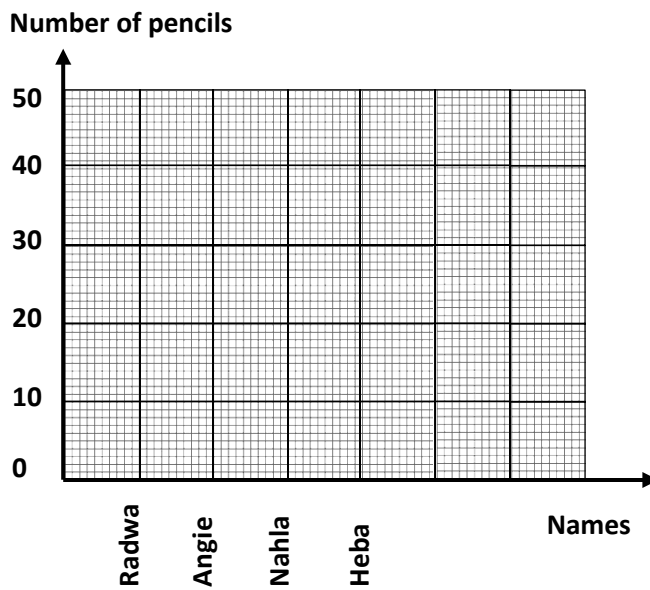
He saves = .....



# Math

C) Represent the data by a broken-line graph.

Name	Radwa	Angie	Nahla	Heba
Number of pencils	20	50	10	40





# Math

## Question 5:

### A) Put (✓) or (✗) and correct the wrong:

a-  $3 \times 8 = 8 + 8$  ( )

b-  $1000 + 1000 = 2 \times 100$  ( )

c-  $1 - \frac{3}{8} = \frac{6}{8}$  ( )

d- The perimeter of a square with side length 4 cm is 8 cm ( )

f-  $\frac{90}{100} = \frac{10}{9}$  ( )

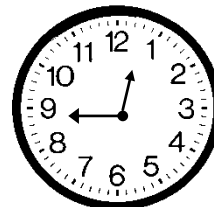
g- The probability of impossible events = 0 ( )

**B) Nahla bought 22344 books each for 3 pounds. How much money did she pay ?**

She paid = .....

C) what's the time :-

It's : .....





# Math

## Model Exam 4

### Question 1:

• Complete:

a-  $6506 \times 6 = \dots\dots\dots$

b-  $7498 + 4108 = \dots\dots\dots$

c-  $2025 \div 5 = \dots\dots\dots$

d-  $\dots\dots\dots + 1356 = 80000$

e-  $2 \times 9 \times 100 = \dots\dots\dots \times 100 = \dots\dots\dots = \dots\dots\dots$  Hundred

f-  $100 \times \dots\dots\dots = 36000$

g-  $73500 = \dots\dots\dots \text{km} , \dots\dots\dots \text{m}$

h-  $\frac{6}{36} = \frac{\dots\dots}{\dots\dots}$  (Simplify)

j-  $\dots\dots\dots$  the only month that has 28 days

k-  $\dots\dots\dots$  the number of equal parts in side any polygon

l- 6 hours and 20 minutes =  $\dots\dots\dots$  minutes

m-  $\frac{5}{6} = \frac{10}{\dots\dots\dots} = \frac{35}{\dots\dots\dots} = \frac{\dots\dots\dots}{36} = \frac{\dots\dots\dots}{48} = \frac{\dots\dots\dots}{\dots\dots\dots}$

n-  $100 \times \dots\dots\dots = 36000$

o-  $\frac{4}{16} = \frac{8}{\dots\dots\dots}$





# Math

## Question 2:

A) If the dividend is 9009 and the divisor is 9, What will be the quotient? .....

B) Arrange in ascending order:

$$\frac{1}{10}, \quad \frac{3}{10}, \quad \frac{2}{10}, \quad 1$$

..... , ..... , ..... , .....



# Math

## c- Choose:

- $\frac{1}{2} = \dots\dots\dots$  (  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  )
- $\frac{7}{8}$    $\frac{3}{8}$  ( < , = , > )
- $53 + 62 = \dots\dots\dots$  (even , odd)
- 3 Kg of cotton  3 Kg of iron ( < , = , > )

## Question 3:

### A) Complete in the same pattern:

- 78 , 80 , 82 , ..... , ..... , .....

### B) Samia and Mariam's father distributed among them 226 pounds equally. What's the share of each one ?

The share of each one = .....

### C) Find:

- $1 = \frac{\dots\dots}{2} = \frac{7}{\dots} = \frac{\dots}{\dots}$
- Two halves =  $\frac{\dots}{\dots}$  ( in digit )
- 27532 gm = ..... kg , ..... gm

d) the perimeter of a rectangle it's length is 10 cm and width is 5 cm =

.....



# Math

## Question 4:

### A) Compare:

- The smallest even number  The smallest odd number
- $\frac{2}{5}$    $\frac{3}{5}$
- 7 tens  (7 x 10)

### B) What's the perimeter of the square it's side length = 12 cm?

.....

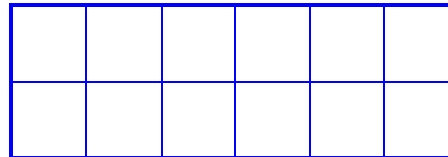
### C) Question 5:

#### A) Find the area and the perimeter for this figure:

P = ..... units

A = ..... 

A = ..... 



### B) Reham has a box contains 12 balls. 6 red , 4 green , 2 yellow.

What's the probability of the drawn ball to be:

a- Red =  $\frac{\dots}{\dots}$

d- Blue =  $\frac{\dots}{\dots}$

b- White =  $\frac{\dots}{\dots}$

e- Yellow =  $\frac{\dots}{\dots}$

c- Green =  $\frac{\dots}{\dots}$

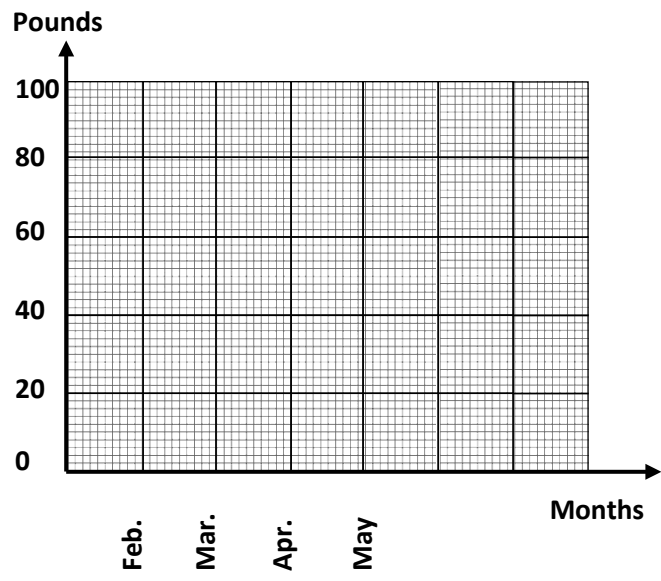


# Math

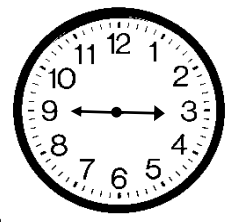
C) Mahmud saved some amount of money in 4 months. The following table represents these data.

a- Represent the data by a broken-line.

Month	Feb.	Mar.	Apr.	May
Amount in pounds	20	70	40	90



What's the time :-



It's : .....  
It's : ..... : .....



# Math

## Answers: Model Exam 1

### Question 1:

- Complete:

a-

$$\begin{array}{r} 342 \\ \times \quad 5 \\ \hline 1710 \end{array}$$

b-

$$\begin{array}{r} 8720 \\ \times \quad 100 \\ \hline 872000 \end{array}$$

c-

$$\begin{array}{r} 04008 \\ 6 \overline{) 24048} \end{array}$$

d-  $22 \times 100 = 100 \times 22 = 2200 = 22$  hundreds

e-  $\frac{8}{16} = \frac{1}{2}$  (Simplify)

f- The odd number just before 243 is **241**

g-  $\frac{4}{9}$  is read as **four ninths**

h-  $3 \times 5 \times 10 = 3 \times 50$

i- **3** numerator, **7** denominator =  $\frac{3}{7}$

j- **Perimeter** is the sum of all side lengths

k-  $4259 \times 2 = 8518$

l- The place value of 0 in 10322 is **thousands**

m-m-  $\frac{1}{2} = \frac{3}{6} = \frac{9}{18} = \frac{8}{16} = \frac{6}{12} = \frac{10}{20}$



# Math

## Question 2:

A) Marwa bought 350 presents; she wants to distribute them among her 5 friends. How many presents each friend will take?

Each friend will take =  $350 \div 5 = 70$  presents

B) Find the perimeter of the square with side length 7 cm.

$P = S \times 4 = 7 \times 4 = 28$  cm (Use the rule)

## Question 3:

A) Choose the correct answer:

a-  $26 + 13 = \dots\dots$  (odd , even)

b- Three nineths =  $\dots\dots\dots$  (  $\frac{9}{13}$  ,  $\frac{3}{19}$  ,  $\frac{3}{9}$  )

c- If  $\begin{array}{r} 10 \overline{) 20} \\ \underline{20} \\ 0 \end{array}$  , so 20 is called  $\dots\dots$  (dividend , divisor , quotient)

d- There are  $\dots\dots$  sevenths in whole one (5 , 10 , 7)

e-  $\dots\dots$  is the smallest even number (1 , 0 , 2)

f-  $9 + 9 + 9 + 9 = 9 \times \dots\dots$  (3 , 9 , 4)

g- It's  $\dots\dots\dots$  to find a kid 5 cm height  
(Certain – possible – impossible)



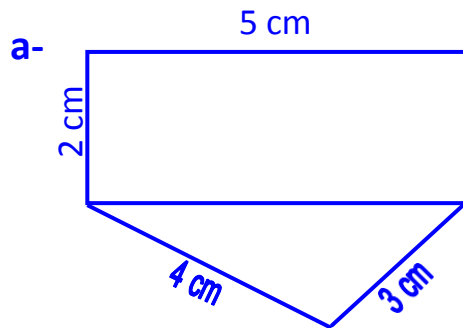
# Math

## Question 4:

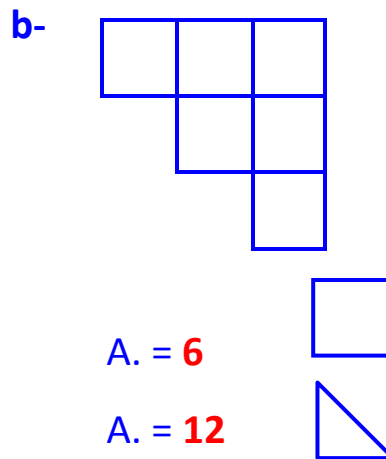
### A) Put (✓) or (✗):

- a- The value of 2 in 32 519 is thousand. ( ✗ )
- b- The simplest form of  $\frac{6}{60}$  is  $\frac{6}{10}$  ( ✗ )
- c- The perimeter of the square =  $S. \times 4$  ( ✓ )
- d- There are two thirds in whole one. ( ✗ )
- e- Four sixths in digits is  $\frac{4}{16}$  ( ✗ )
- f- The perimeter of rectangle =  $(L \times W) + 2$  ( ✗ )
- G- 3 kg of iron > 3 kg of cotton ( ✗ )

### B) Find:



$$P. = 5 + 2 + 2 + 4 + 3 = 16 \text{ cm}$$



$$A. = 6$$

$$A. = 12$$

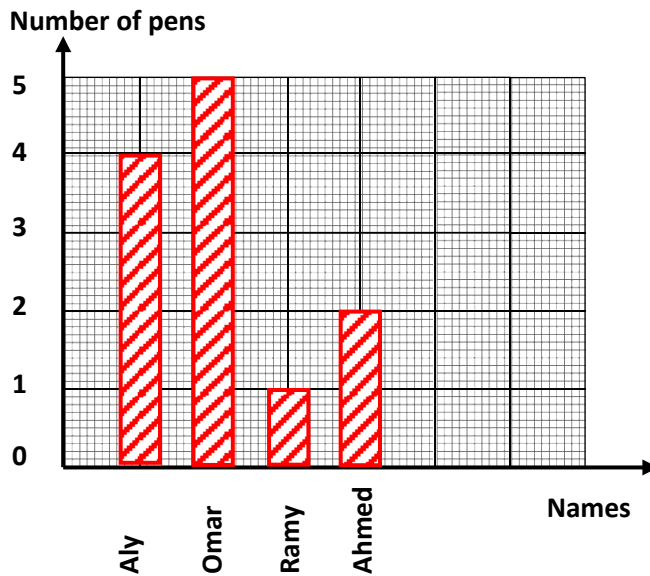
$$P. = 12 \text{ units}$$



# Math

C) Complete the table and the graph:

Month	Aly	Omar	Ramy	Ahmed
Number of pens	4	5	1	2



## Question 5:

A) Compare:

- 2000**  
a-  $2 \times 1000$   200
- b- 24 month  2 years
- 23000**  
c- 23 thousands   $23 \times 10$
- 8**  
d- The greatest even 1-digit number.  **9** The greatest odd 1-digit number
- f- 5 kg  500 gm





# Math

## C) Complete:

a- 25 km = **25000**m

b- 3500 cm = **35** m

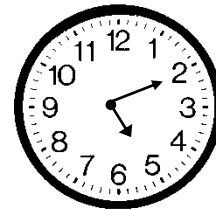
c- 640 m and 5 km = **5640** m

## Question 6:-

### a) Tell the time :

It's : 10 min past 5

It's : 5 : 10



## B) Complete:-

- Third an hour = .....**20**..... minutes
- November has ...**30**..... days
- 4 Month = .....**120**..... days

## C\_ - Arrange in desending order:-

$$\frac{2}{10}, \frac{6}{10}, \frac{1}{2}, \frac{5}{10}, 1$$

$$1, \frac{6}{10}, \frac{5}{10}, \frac{2}{10}, \frac{1}{2}$$



# Math



Al-Azhar Language Institute  
معهد الغد المشرق الأزهرى



# Math

## Model Exam 2

### Question 1:

#### A) Complete:

a-

$$\begin{array}{r} 6270 \\ \times \quad 5 \\ \hline 31350 \end{array}$$

b-

$$\begin{array}{r} 21967 \\ + 30285 \\ \hline 52252 \end{array}$$

c-

$$\begin{array}{r} 3008 \\ 8 \overline{) 24064} \end{array}$$

d-

$$\begin{array}{r} 8000 \\ - 4620 \\ \hline 3380 \end{array}$$

e-  $(6 \times 3) \times 2 = 18 \times 2$

f-  $\frac{5}{1} - \frac{3}{5} = \frac{2}{5}$

g-  $6490 \times 100 = 649000 = 649 \text{ thousands}$

h-  $100 \times 213 = 21300$

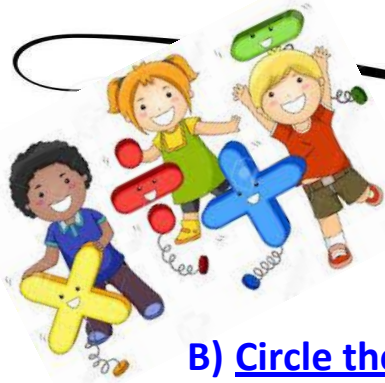
i- 1 year and 5 months = .....17.... months

l-  $\frac{5 \div 5}{45 \div 5} = \frac{1}{9}$  (simplify)

m-  $4 \times \dots 6 \dots = \dots 4 \dots \times 6 = 24$ .

m-  $\frac{2}{3} = \frac{18}{27} = \frac{12}{18} = \frac{16}{24} = \frac{4}{6} = \frac{20}{30}$

n- 27555 gm = 72 kg , 555 gm



# Math

B) Circle the evholeen numbers:

123, 29 ,

100 ,

912

c- How many seventh in the w one? .....7.....

Question 2:

A) Arrange in descending order: ( B → S )

$$\frac{5}{13}, \frac{9}{13}, \frac{4}{13}, \frac{12}{13}, 1$$
$$1, \frac{12}{13}, \frac{9}{13}, \frac{5}{13}, \frac{4}{13}$$

B) Rawan bought 3 shirts for 3750 L.E each. How much money did she pay ?

$$\text{She paid} = 3750 \times 3 = 11250 \text{ L.E}$$

C) Choose the correct answer:

• The number of equal parts inside any figure is ....(perimeter – **Area**)

•  $21 + 17 = \dots\dots\dots$  ( odd – **even** )

• 5 denominator , 7 numerator = ..... (  $\frac{7}{5}, \frac{5}{7}, \frac{17}{5}$  )

• 3 hours = ..... minute ( **160**, 60 , 180 )

•  $\frac{2}{4} = \dots\dots\dots$  (  $\frac{2}{5}, \frac{4}{8}, \frac{4}{6}$  )

•  $\frac{2}{3}$  is read as ..... ( two halves , **two thirds** , three halves )

• It's ..... to rain gold ( certain – possible – **impossible** )



# Math

## Question 3:

A) Ali wants to distribute 3216 pens among 4 of his friends. How many pens each one will take?

Each one will take =  $3216 \div 4 = 804$  pens

## B) Compare:

a-  $\frac{2}{5} + \frac{3}{5} = 1$

=

The smallest odd number = 1

b-  $\frac{5}{9}$

<

$\frac{6}{9}$

d- Eight = 8

>

Eighth =  $\frac{1}{8}$

e- 300 cm

<

300 m = 30000 cm

f-  $\frac{12}{12} = 1$

=

The probability of certain event = 1

## Question 4:

A) Find the perimeter of a rectangle with dimensions 3 cm and 5 cm?

$P. = (L + W) \times 2 = (5 + 3) \times 2 = 16$  cm

## B) Complete:

a- There are 5 fifths in the whole one .

b- 3 km and 64 m = 3064

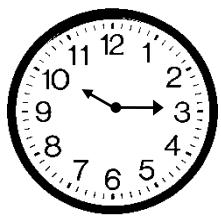
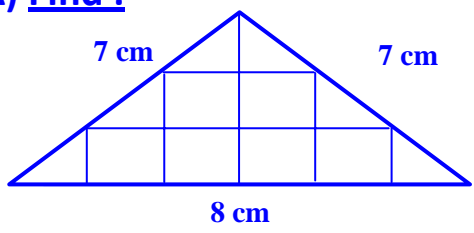
c-  $\frac{9}{10} - \frac{3}{10} = \frac{6}{10}$



# Math

## Question 5:

A) Find:



$$P = 7 + 7 + 8 = 22 \text{ cm.}$$

it's = 15 min past 10

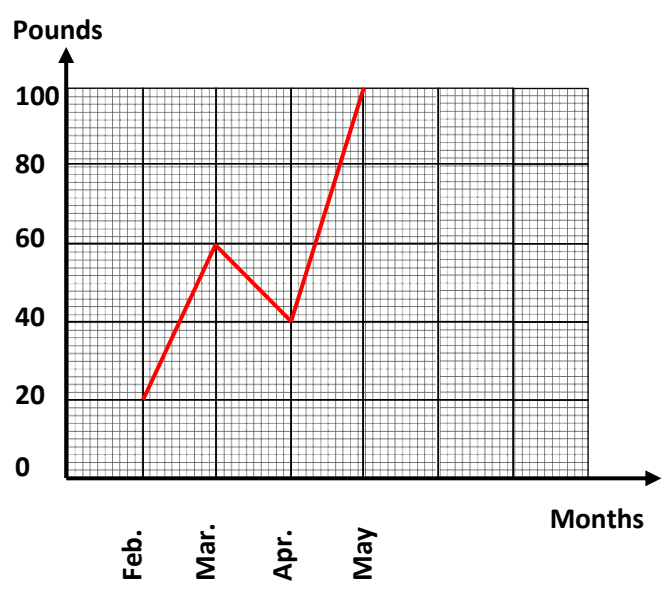
A = 9 

it's = 10 : 15

A = 18 

B) Represent the data by a broken-line.

Month	Feb.	Mar.	Apr.	May
Amount in pounds	20	60	40	100





# Math

## Model Exam 3

### Question 1:

#### A) Complete:

a- 
$$\begin{array}{r} 5471 \\ \times 9 \\ \hline 49239 \end{array}$$

b- 
$$\begin{array}{r} 26531 \\ + 90572 \\ \hline 117103 \end{array}$$

c- 
$$\begin{array}{r} 04010 \\ 6 \overline{) 24060} \end{array}$$

d- 
$$\begin{array}{r} 83021 \\ - 25220 \\ \hline 57801 \end{array}$$

e- 
$$\frac{9}{14} + \frac{3}{14} = \frac{12}{14}$$

f- 
$$\frac{14}{21} = \frac{2}{3} \text{ (simplify)}$$

g-  $3 \times 4 \times 100 = 1200$

h-  $10 \times 440 = 4400 = 440 \text{ Tens}$

i-  $5 \times 508 = 2540$

j- The **area** is the number of equal parts inside any figure.

k- 
$$\frac{7}{7} = 1$$

l-  $25\,000 \text{ cm} = 250 \text{ m}, 0 \text{ cm}$



# Math

m-  $3 \times 6 \times 100 = 18 \times 100$

n- The probability of the certain event = **1**

o-  $170 \text{ kg} = 170000 \text{ gm}$

p-  $\frac{6}{7} = \frac{12}{14} = \frac{18}{21} = \frac{24}{28} = \frac{60}{70} = \frac{30}{35}$

B) The perimeter of the rectangle with length = 6 cm and width 3 cm  
is  $P. = (L + W) \times 2 = (6 + 3) \times 2 = 18 \text{ cm}$

C)  $\frac{29}{50}$

## Question 2:

A) Arrange in descending order:

$9 \times 4$  ,  $36 \div 9$  ,  $21 + 91$  ,  $90 - 23$

**112** , **67** , **36** , **4**

B) Complete:

•  $\frac{3}{4} = \frac{6}{8}$

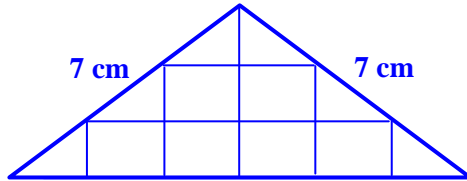
• The perimeter of the square =  $s \times 4$





# Math

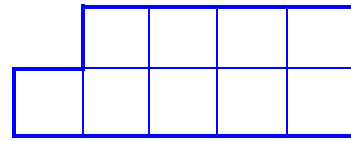
- Find the area and the perimeter for each figure:



A = 9

A = 18

P = 7 + 7 + 8 = 22 cm.



A = 9

A = 18

P = 14 units.

a- Marwa ate  $\frac{1}{4}$  of a pizza and Rania ate  $\frac{2}{4}$  of a pizza,

so they both ate =  $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$  of a pizza

## Question 3:

- Choose the correct answer:

a- The odd number between 20 and 23 is ..... ( 22 , 23, **21** )

b-  $\frac{8}{32}$  in its simplest form = ..... (  $\frac{4}{16}$  ,  **$\frac{1}{4}$**  ,  $\frac{2}{4}$  )

c-  $48 \div (6) = 8$  (Dividend – **Divisor** – Quotient)

d-  $\frac{14}{20} = \frac{7}{\dots}$  ( 40 , 27 , **10** )

e- How many sevenths in the whole one? ( 6 ,  $\frac{1}{7}$  , **7** )

f-  $903 \div 3 = \dots$  (**301** – 8 – 900 )



# Math

g- .....  
6 6012

(1002 – 12 – 102)

h-  $\frac{5}{13} > \dots\dots$

(  $\frac{60}{13}$ ,  $\frac{2}{13}$ ,  $\frac{7}{13}$  )

i-  $\frac{5}{6} = \frac{\dots}{\dots}$

(  $\frac{1}{11}$ ,  $\frac{15}{24}$ ,  $\frac{30}{36}$  )

j-  $1282 \times 4 = \dots\dots$

( 1238 – 5128 – 9999 )

k- 543 gm and 8 kg = ..... gm

( 5438 – 8543 – 543 )

## Question 4:

### A) Compare:

a-  $3 \times 150$

=

45 tens

b- 34 km

=

34000m

c-  $\frac{9}{12}$

<

1

e-  $\frac{4}{5}$

>

$\frac{2}{5}$



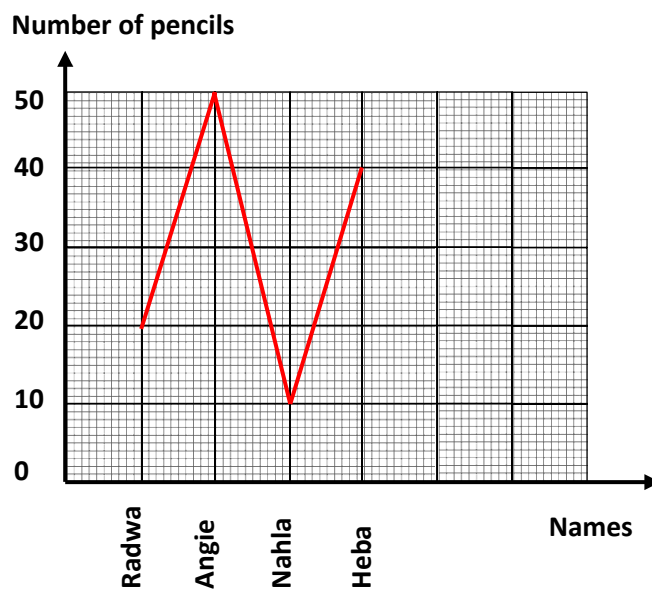
# Math

B) Aly saves 130 piasters in a day, how much money does he save in 5 days?

He saves =  $130 \times 5 = 650$  piaster

C) Represent the data by a broken-line graph.

Name	Radwa	Angie	Nahla	Heba
Number of pencils	20	50	10	40





# Math

## Question 5:

### A) Put (✓) or (×) and correct the wrong:

a-  $3 \times 8 = 8 + 8$  ( × )  $3 \times 8 = 8 + 8 + 8$

b-  $1000 + 1000 = 2 \times 100$  ( × )  $= 2 \times 1000$

c-  $1 - \frac{3}{8} = \frac{6}{8}$  ( × )  $= \frac{5}{8}$

d- The perimeter of a square with side length 4 cm is 8 cm ( × )  
(  $4 \times 4 = 16$  c.m )

e-  $\frac{90}{100} = \frac{10}{9}$  ( × )

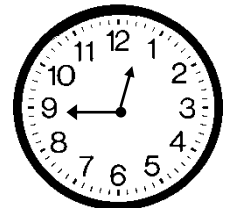
f- The probability of impossible events = 0 ( ✓ )

**B) Nahla bought 22344 books each for 3 pounds. How much money did she pay?**

**She paid =  $22344 \times 3 = 67032$  pound**

What's the time :-

It's : **15 min to 1**





# Math

## Model Exam 4

### Question 1:

- Complete:

a-  $6506 \times 6 = 39036$

b-  $7498 + 4108 = 11606$

c-  $2025 \div 5 = 0405$

d-  $78644 + 1356 = 80000$

e-  $2 \times 9 \times 100 = 18 \times 100 = 1800 = 18$  Hundred

f-  $100 \times 36 = 3600$

h- g-  $73500 \text{ m} = 73 \text{ km}, 500 \text{ m}$

$$\frac{6}{36} = \frac{1}{3} \quad (\text{Simplify})$$

i- february is the only month that has 28 days

j- area the number of equal parts in side any shape

k- 6 hours and 20 minutes = 380 minutes

l-  $\frac{5}{6} = \frac{10}{12} = \frac{35}{42} = \frac{30}{36} = \frac{40}{48} = \frac{500}{600}$

m-  $100 \times 360 = 36000$

n-  $\frac{4}{16} = \frac{8}{32}$



## Math

### Question 2:

A) If the dividend is 9009 and the divisor is 9, What will be the quotient?  $9009 \div 9 = 1001$

B) Arrange in ascending order:

$$\frac{1}{10}, \frac{3}{10}, \frac{2}{10}, 1$$
$$\frac{1}{10}, \frac{2}{10}, \frac{3}{10}, 1$$

d) the perimeter of a rectangle its length 10 cm , width is 5 cm =  
 $(10 + 5) \times 2 = 30 \text{ cm}$



# Math

## C) Choose:

- $\frac{1}{2} = \dots\dots\dots$  (  $\frac{1}{4}$  ,  $\frac{2}{4}$  ,  $\frac{3}{4}$  )
- $\frac{7}{8}$    $\frac{3}{8}$  ( < , = , > )
- $53 + 62$  ( even, odd )
- 3 Kg of cotton  3 Kg of iron ( < , = , > )

## Question 3:

### A) Complete in the same pattern:

- 78 , 80 , 82 , **84** , **86** , **88** , .....

### B) Samia and Mariam's father distributed among them 226 pounds equally. What's the share of each one ?

The share of each one =  **$226 \div 2 = 113$  pounds** .....

## Find:

- $1 = \frac{2}{2} = \frac{7}{7} = \frac{4}{4}$
- Two halves =  $\frac{2}{2}$  ( in digit )
- 27532 gm = **27** kg , **532** gm



# Math

## Question 4:

### A) Compare:

- |                            |   |                         |
|----------------------------|---|-------------------------|
| • The smallest even number | < | The smallest odd number |
| • 3 km and 22 m            | > | 400 m                   |
| • $\frac{2}{5}$            | < | $\frac{3}{5}$           |
| • 7 tens                   | = | (7 x 10)                |
| • 5 kg of cotton           | = | 5 kg of iron            |

### B) What's the perimeter of the square it's side length = 12 cm?

$p. = 5 \times 4 = 12 \times 4 = 48 \text{ cm}$

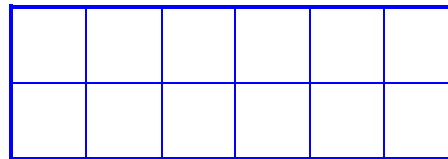
## Question 5:

### A) Find the area and the perimeter for this figure:

P = .....16..... units

A = .....12..... 

A = .....24..... 







# Math

B) Reham has a box contains 12 balls. 6 red , 4 green , 2 yellow.  
What's the probability of the drawn ball to be:

a- Red =  $\frac{6}{12}$

d- Blue = 0

b- White = 0

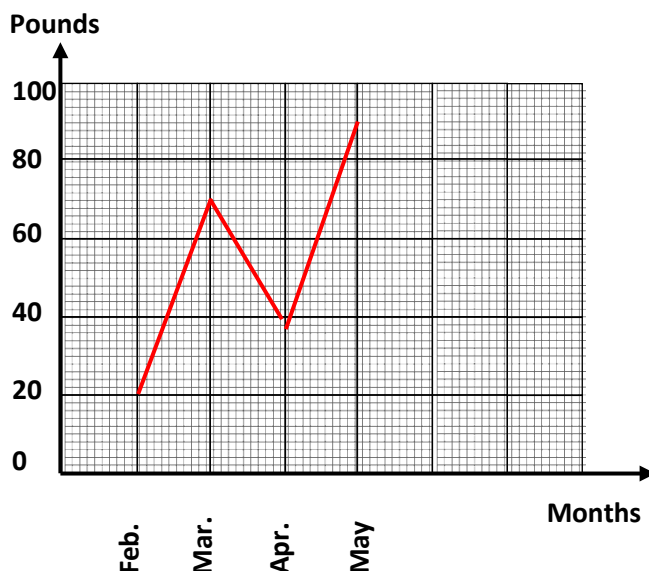
e- Yellow =  $\frac{2}{12}$

c- Green =  $\frac{4}{12}$

C) Mahmud saved some amount of money in 4 months. The following table represents these data.

a- Represent the data by a broken-line.

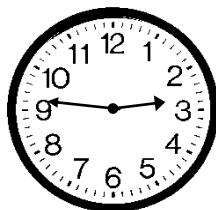
Month	Feb.	Mar.	Apr.	May
Amount in pounds	20	70	40	90





## Math

What's the time ?



It's : **15 min to 3**

It's : **2 : 45**