



Math Teacher
Sayed Abd-Elrahman



Math Supervisor
Mohamed Elameer

**Under the auspices of the
Cairo Teachers Syndicate**

The Egyptian Gazette newspaper is interested in boosting community participation and offering services to students through providing the strongest educational content in various subjects. This comes according to the latest standards of the Egyptian Ministry of Education and under the supervision of a group of the best teachers.



Educational Consultant
Awatef Ahmed



Second Term Revision Math Primary 6

Group (1): Choose the correct answer:

- The reciprocal of 9 is ...
a. 1
b. 19
c. $\frac{1}{9}$
d. 9
- $\frac{1}{2} \div \frac{1}{3} = \frac{3}{2}$
a. 1
b. 6
c. $\frac{1}{6}$
d. $\frac{2}{3}$
- A rectangle of length L. If $3.5 = 12x$, then $x = \dots$
a. 5
b. 4
c. 20
d. 9
- $1\frac{1}{4} = \dots\%$
a. 25
b. 12.5
c. 125
d. 1250
- 35% of 160 = ...
a. 56
b. 5.6
c. 0.56
d. 560
- 61% of a kilogram = ... gram.
a. 61
b. 610
c. 6.1
d. 6100
- The percentage that represents 340 L.E. of 1,000 L.E. is ...
a. 340%
b. 34%
c. 3.4%
d. 3.5%
- All the following lie in the fourth quadrant, except ...
a. (2,-3)
b. (-4,-3)
c. (5,-1)
d. (1,-1)
- The distance between -6 and 5 on the number line is ...
a. 1
b. -1
c. 11
d. 5
- If the perimeter of an equilateral triangle is 36 cm, its area is 36 cm^2 , then its height is ... cm.
a. 3
b. 10
c. 30
d. 6
- Any number multiplies by its reciprocal equals ...
a. 2
b. 3
c. 0
d. 1
- $5.5 \div 0.11 = \dots + 11$
a. 5.5
b. 55
c. 550
d. 5
- $5 : 20 = \dots\%$
a. 20
b. 50
c. 25
d. 5
- If the price of a mobile is 3000 L.E and it has discount 15%, then the discount is ... L.E.
a. 450
b. 150
c. 300
d. 750
- If the dimensions of a parallelogram are 10 cm and 8 cm and its greater height is 5 cm then the length of its smaller height ... cm.
a. 4
b. 5
c. 6
d. 7
- If the volume of cuboid is 60 cm^3 and its two dimensions doubled then the new volume is ... cm^3
a. 30
b. 60
c. 120
d. 240
- The side of cube which its surface area equals 150 cm^2 = ... cm.
a. 6
b. 30
c. 25

- If the ratio between two numbers is 1:6 and the first number is 12, then the second number is ...
e. 2
f. 18
g. 36
h. 72
- 25% of 1000 = 50% of ...
a. 2000
b. 1500
c. 1250
d. 500
- which of the following is the simplest form of 16:24?
a. 4:6
b. 8:12
c. 2:3
d. 3:2
- The image of the point (2, -4) by reflection across x-axis is ...
a. (2,4)
b. (-2,-4)
c. (2,-4)
d. (-2,4)
- a parallelogram with area 45 cm^2 and height 5 cm then the base is ... cm.
a. 40
b. 50
c. 9
d. 22.5
- If the percent of boys in school is 45% the percent of girls is ... %
a. 44
b. 45
c. 50
d. 55
- $114 \text{ km per hour} = \dots$ meter per min.
a. 1900
b. 1990
c. 2000
d. 2019
- $4.8 \div 0.12 = \dots$
a. 4
b. 0.4
c. 0.04
d. 40
- The volume of cuboid with a length 7cm, width 5 cm and height 6cm is ... cm^3
a. 220
b. 110
c. 120
d. 210
- All the following are equivalent to 80% except ...
a. 0.8
b. 0.80
c. $\frac{8}{10}$
d. $\frac{100}{8}$
- The distance between the point (-1,0) and the y-axis is ...
a. 1
b. 0
c. 2
d. 3
- The y-coordinate in the order pair (-5,5) is ...
a. 5
b. -5
c. 10
d. 0
- Which of the following can be used to find the surface area of the cuboid = ...
a. $2(LW + Lh + Wh)$
b. $2WLh$
c. $W + L + h$
d. $2 + (LW + Lh + Wh)$
- A parallelogram its area 48 cm^2 and its base 8 cm, then the corresponding height is ...
a. 3 cm
b. 348 cm
c. 40 cm
d. 6 cm
- The point (-4, -3.5) lies in ... quadrant.
a. first
b. second
c. third
d. fourth
- If the point (A, 3) lies on Y-axis, then the value of A is ...
a. 3
b. 1
c. 0
d. 4
- The distance between the two points (6, 2) and (-1, 2) is ...
a. 4 units
b. 3 units
c. 5 units
d. 7 units

35) From the following equivalent ratios, the price of 6 kilograms of apples =

Kilograms of apples	3	6
Price with pounds	180	?

- 90
- 270
- 300
- 360

Group (2) Complete the following:

- The volume of a cuboid is 64 cm^3 and the area of its base is 16 cm^2 , so its height is ...
- 280 gram / sec = ... kg/min
- The triangular prism has ... base triangular and ... rectangular faces.
- $0.9 \times 60.5 = \dots$
- If the ratio $\frac{3}{4}$ is equivalent to $x : 12$, then $x + 5 = \dots$
- $\frac{1}{2}\%$ of 1 kg = ... gram
- The point (4, -2) lies on the ... quadrant
- The ratio 2: 7 is the same ratio a: 21, then a = ...
- 25% of 1000 = 50% of
- The conversion factor used to convert from hours to minutes is ...
- If Amr earns 720 L.E for working 9 hours, then the unit rate of his earning is ...
- The number of heights of a scalene triangle is ...
- 60% of ... is 72.
- Moving from the origin point 3 units right then 4 units down then the formed point is (...)

15) Surface area of rectangular prism =



Group (3) Answer the following questions:

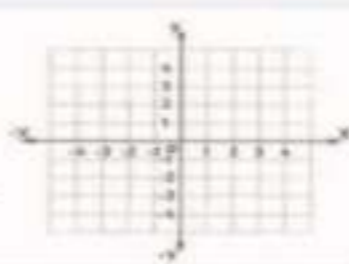
- A dinner bill is 600 L.E. There's a 15% tax. Calculate the bill after adding the tax.
- A box in the form of a rectangular prism has dimensions of 30cm, 15 cm and 10 cm. Calculate the volume of the box.
- A merchant sold 30 kilograms of bananas at a price of 17.5 pounds per kilogram. Calculate the price of the quantity of bananas.



Find the surface area of the opposite cuboid.

5) Plot the following points on the grid:

- A(4, -2), B(2, -2), C(2, 4), D(4, 2). Then connect them.
What kind of shape do they make?

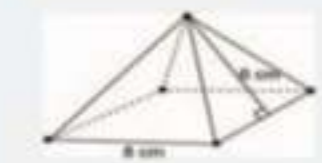


6) Wael bought a flat for 360,000 L.E, he paid 30% of its price. How much money did he pay?

7) Find the area of the opposite trapezium



8) Find the surface area of the opposite pyramid.



9) Nader bought 12 pizza pies and divided them among his friends, each of them got $\frac{2}{3}$ of the pie. How many friends does Nader have?

10) A man distributes 71.5 pounds among a number of people. The share of each one was 6.5 pounds. Find the number of people.

11) Mona bought 4.5 kilograms of sweets. The price of one kilogram is 32.5 pounds. What amount of money will she pay?

The Model Answer

Group (1): Choose:

1	C	9	C	17	D	25	D	33	C
2	A	10	D	18	D	26	D	34	D
3	C	11	C	19	D	27	D	35	D
4	C	12	C	20	C	28	A		
5	A	13	C	21	A	29	A		
6	B	14	A	22	C	30	A		
7	B	15	A	23	D	31	d		
8	B	16	D	24	A	32	C		

Group (2): Complete:

- 4 cm
- 16.8
- 2 - 3
- 54.45
- 20
- 500
- 4^{th}
- 6
- 500
- 60min/1h
- 8L.E/1h
- 3
- 120
- (3, -4)
- 69

Group (3): Essay Questions:

- The tax value = $\frac{15}{100} \times 600 = 90 \text{ L.E}$
The bill after adding tax = $600 + 90 = 690 \text{ L.E}$
- Volume = $L \times W \times H = 30 \times 15 \times 10 = 4500 \text{ cm}^3$
- $17.5 \times 30 = 525 \text{ pounds}$
- SA = $2(lw + lh + hw) = 2(9 \times 2 + 9 \times 3 + 2 \times 3) = 102 \text{ cm}^2$
- 6) The price = $360000 \times \frac{30}{100} = 108000 \text{ L.E}$
- 7) Area = $\frac{20+12}{2} \times 6 = 96 \text{ cm}^2$
- 8) SA = $B \times H + S \times S = 8 \times 6 + 8 \times 8 = 112 \text{ cm}^2$
- 9) $12 \div \frac{2}{3} = 18 \text{ friends}$
- 10) $71.5 \div 6.5 = 11$
- 11) $32.5 \times 4.5 = 146.25$

With my best wishes