REVISION FOR PRIMARY 6

1- Find the result of each of the following :

(a) (-131) x (-3) = …… **(b) 5 x -4 = ……**

(c) - 8 x 1 = …… **(d) -9 (7) = ……**

(e) 0 x (-11) = …… **(f) – (-6) x (-2) = ……**

2- Determine the possible division operation in Z of each of the following

(a) (-32) ÷ 8 = …… **(b) 65 ÷ (-13) = ……**

(c) 420 ÷ (-15) = …… **(d) (-1300) ÷ 26= ……**

2-Choose the correct answer:

1)The measure of the circular sector whose area represent from the area of the circle = -------

(a) 30º (b) 45º (c) 60º (d) 90º

2) If the perimeter of one face of a cube =12cm then its total area= ----cm2

(a) 3 (b) 4 (c) 5 4 (d) 6

3) If the lateral area of a cuboid =120 cm2 and the dimensions for the base are 4cm , 6cm . then its height = ----------cm

(a) 5 (b) 6 (c) 12 (d) 2.5

4) The image of the point A(-4,3) by translation (-1,-4) is ------

(a) (-5,-7) (b) (-5,-1) (c) (-7,3) (d) (-3,-1)

5) The lateral area of the cuboid with length =3cm , width = 2cm and height = 4cm equals ----------cm^2

(a) 20 (b) 24 (c) 40 (d) 52

4- a) Draw △ ABC ,where A(1,1) , B(-3 , -1) , C (0 , -5) then determine graphically its image by translation (5,0)

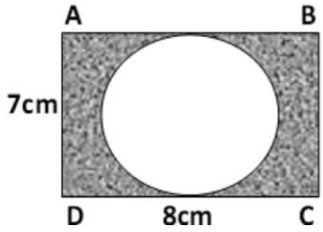
b) The area of a circle = 1256 cm^2 . Find its circumference

where (tt = 3.14)

With best wishes mr/ A . Z

1) In the opposite figure:

ABCD is a rectangle whose length = 8cm and its width = 7cm, find the area of the shaded part



2) The sum of the edge length of a cube equals 108 cm ,find its lateral area ,its total area , then find the ratio between them

3) A cuboid whose total area = $132cm^2$ and its lateral area = $112cm^2$ find the area of its base?

4) A Rome with length= 5 cm ,width= 4cm and height =3cm ,We need to pant its walls and its surface by a pant cost 15 pound for each square meter . Find the cost for panting

5) The perimeter of the base of a Cuboid =32cm and its height = 10cm, If the length of base = 9cm .Find

(a) The total area of the cuboid (b) The Lateral area of the cuboid

6 (a) Find the area and the circumference for the circle with diameter 14 cm

(b) Find the length of the radius of the circle whose circumference equal 88cm then find its area?

With best wishes **Mr / Ali**