

Year 5 –Test.

For the first 10 questions they each carry a single mark, for questions 11-15, they each carry 2 marks. There are 4 choices, pick the choice that is correct.

1) Which digit in 4,729,327.147 represents the value of hundred thousand.

- a) 7    b) 9    c) 2    d) 1

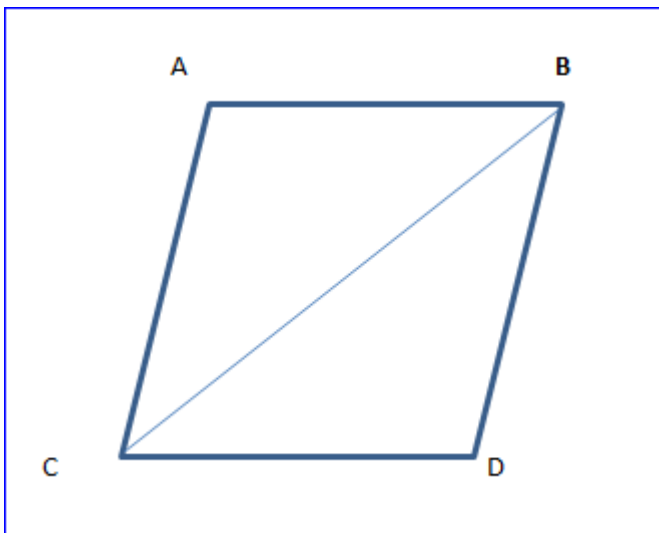
**Answer: The correct answer is 7 as in 700 thousand.- ( A)**

2)  $79 - 3 \times \square = 0$

- a) 76    b) 0    c) 1    d) 82

**Answer: 0- Answer is b**

3) DEFG is a rhombus AB is parallel to .....



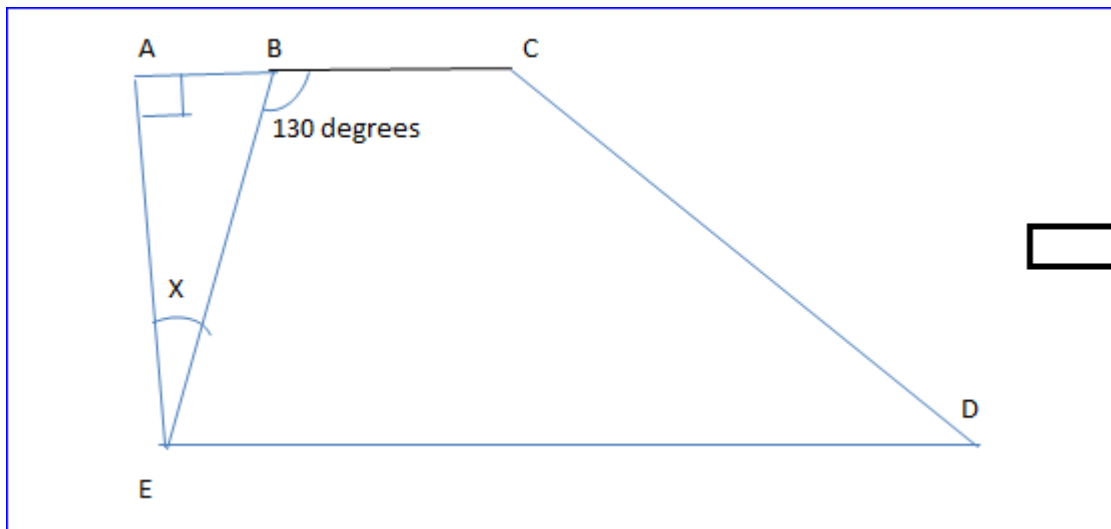
- a) BD    b) CD    c) CA    d) BC

Answer: B – CD, in this particular case the parallel line to AB is CD

4)  $\frac{7}{18}$  divided by 3 is equivalent to  $1 \frac{1}{6}$

$(\frac{7}{18} \times \frac{3}{1} = 1 \frac{1}{6})$

5) ABCD is a Trapezium and ABE is a right angled Triangle. The value of angle x is



Angle ABC =  $(180 - 130) = 50$ . Angle X =  $180 - (90 + 50) = 40$ . Answer Angle X = 40 degrees.

6) Tony Abbott spends  $\frac{1}{5}$  of his monthly salary on food and drink. What percentage of his monthly salary is spent on food.

- a) 20%      b) 40%      c) 60%      d) 5%

Answer:  $\frac{1}{5}$  is equivalent to 20%.

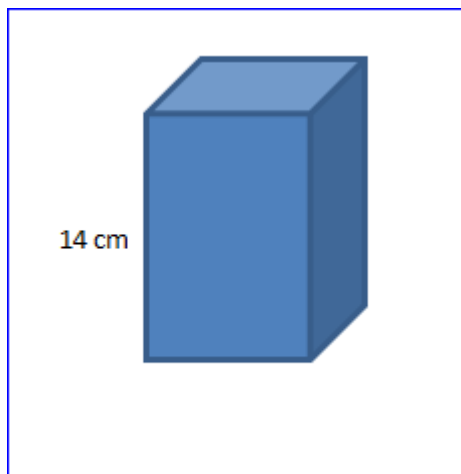
7)  % of 100 = 150

- a) 200   b) 150   c) 120   d) 160

8) The ratio of the length to the breadth of a rectangular is 5:3. If the perimeter of the rectangle is 40 cm, its length is ..... cm.

2 lengths + 2 breadth = 40 cm.

5:3=20=5/8\*20=12.5 that is the length, the breadth is 20-12.5=7.5



10) The figure represents a cuboid ( the base is of equal value) if the total area of the cuboid is 1134 cm and the height of 14 cm. The length of each side is.....

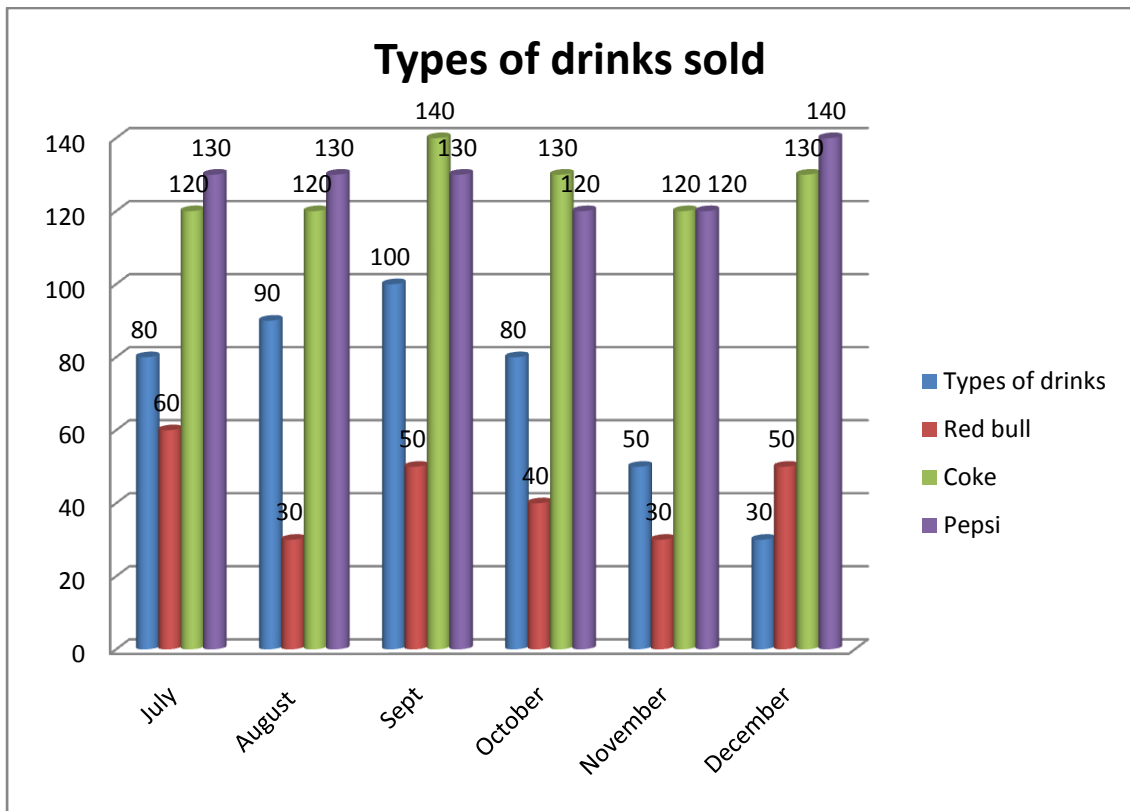
$$L \times B \times H = 1134$$

$$L \times B \times 14 = 1134$$

$$L \times B = 81$$



13)



What is the average number sold for Coke for the period July through to October.

The average number of coke sold is

$$((120+120+140+130)/4=127.5)$$

13a) What is the total amount of drinks sold in August

$$90+30+120+130=370$$

13b) In which month did two types of drinks sell the same quantity of drinks.

In November Coke and Pepsi sold the same amount of drink.

13c) What is the total amount of Redbull and Pepsi during the period September to November.

$$\text{Sept: } 50+130=180$$

$$\text{Oct: } 40+120=160$$

$$\text{Nov: } 30 +120=150$$

$$\text{Total: } 490.$$

14) George the plumber saves 15% of his salary each month, he saves \$750 each month. What is his **Yearly** salary.

$$15\% = \$750.00$$

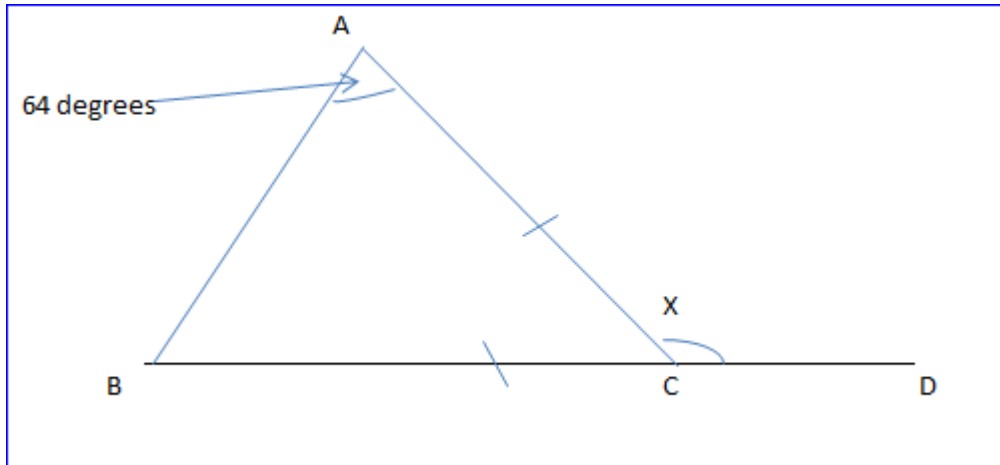
$$5\% = \$250.00$$

$$10\% = 500$$

$$100\% = \$5000 \text{ a month}$$

$$1 \text{ year} = 5000 \times 12 = \$60,000$$

15) The figure below is not drawn to scale. BD is a straight line, Angle AC=BC and Angle BAC=64 degrees, from the figure find out the value of angle X.



**Angle A=64 degrees**

**Angle B= 64 degrees- Isosceles Triangle- both Angle A and B are equal.**

**Angle C= ( 180-128)=52**

**Angle X=180-52=128,**