

H.W

Find the missing Number to complete each sum:-

(i)

$$3 \times 9 - 14 = 24 - x$$

$$27 - 14 = 24 - x$$

$$13 = 24 - x$$

$$x = 24 - 13$$

$$x = 11$$

(ii)

$$15 \div 3 \times 12 = 41 + x$$

$$5 \times 12 = 41 + x$$

$$60 = 41 + x$$

$$x = 60 - 41$$

$$x = 19$$

(iii)

$$24 \div 4 + 5 = 66 \div 4$$

$$6 + 5 = 66 \div 4$$

$$11 = 66 \div 4$$

$$x = 66 \times 11$$

$$x = 726$$

Find the missing term:

a. 12, 11, 81, 9, —, 7

= 12, 11, 81, 9, 49, 7

b. 100, 50, 25 — 6.25

= 100, 50, 25, 12.5, 6.25

c. 4, 9, 64, 125, 1296 —

4, 9, 64, 125, 1296, 2401

d. 2, 5, 12, 24, 48 —

?

7

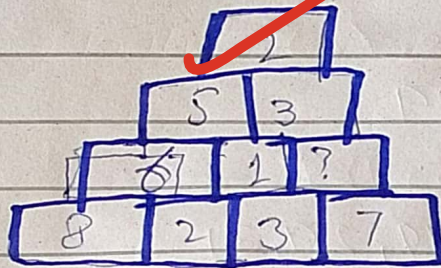
e. 44, 22, 66, 33, 132

= 44, 22, 66, 33, 132, 66

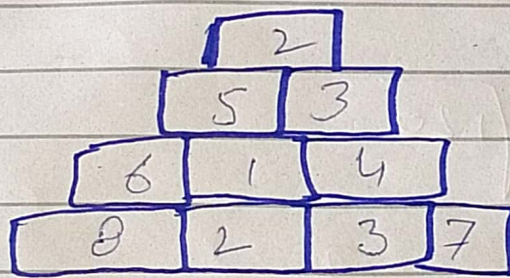
Number puzzle:

2	6	18
4	20	100
?	24	11

2	6	18
4	20	10
7	21	147



explain the logic in detail as well.....



d- How many prime numbers are between each of following pairs

$$\sqrt{3} \quad \sqrt{120}$$

$$= 2, 3, 5, 7$$

(b)

$$\sqrt[2]{10} \text{ and } \sqrt[2]{410}$$

$$= 5, 7, 11, 13, 17, 19$$

(c)

$$\sqrt[3]{10} \text{ and } \sqrt[3]{999}$$

$$= 5, 7, 11, 13, 17, 19, 23, 29, 31$$

(d)

$$\sqrt[3]{28} \text{ and } \sqrt[3]{120}$$

$$= 5, 7$$

(e)

$$\sqrt[3]{8} \text{ and } \sqrt[3]{600}$$

$$= 3, 5, 7, 11, 13, 17, 19$$

discuss these answers in detail by giving statements.