

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)

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

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

$$11 = 66 \div x$$

$$x = 66 \div 11$$

$$x = 6$$

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 — ~~96~~

?

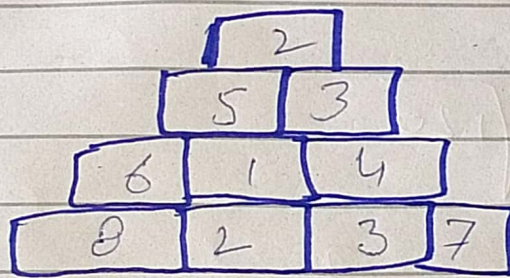
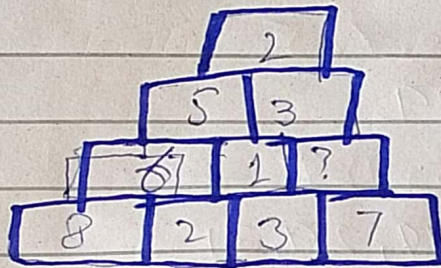
e. 44, 22, 66, 33, 132

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

Number puzzle:

2	6	18
4	20	100
?	24	47

2	6	18
4	20	10
7	21	147



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

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

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

(b)

$$\sqrt{10} \text{ and } \sqrt{410}$$

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

(c)

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

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

(d)

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

$$= 5, 7$$

(e)

$$\sqrt{8} \text{ and } \sqrt{400}$$

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