



Mental Maths and Reasoning

Number Puzzles

MMRWS10

Date: 13/8/21 Maths Copy 2

MMRWS-9

- 1) Cow: Calf :: Cat : ?
a) Child b) Cub **c) Kitten** d) Cub
- 2) Horse : Mare :: Fox : ?
a) Bee **b) Vixen** c) Cow d) Doe
- 3) Pig : Sty :: Bird : ?
a) Hive b) Hole c) palace **d) Nest**
- 4) 3 : 27 :: 4 : ? **[EXP: 3X3X3=27 4X4X4=64]**
a) 12 **b) 64** c) 16 d) 8
- 5) 15 : 75 :: 20 :: ? **[15X 5=75; 20 X5 =100]**
a) 60 b) 30 c) 15 **d) 100**
- 6) DCB : FED :: NML : ?
a) GHT b) WQT **c) PON**
d) KGS

What will come in place of question mark?

1)

1)

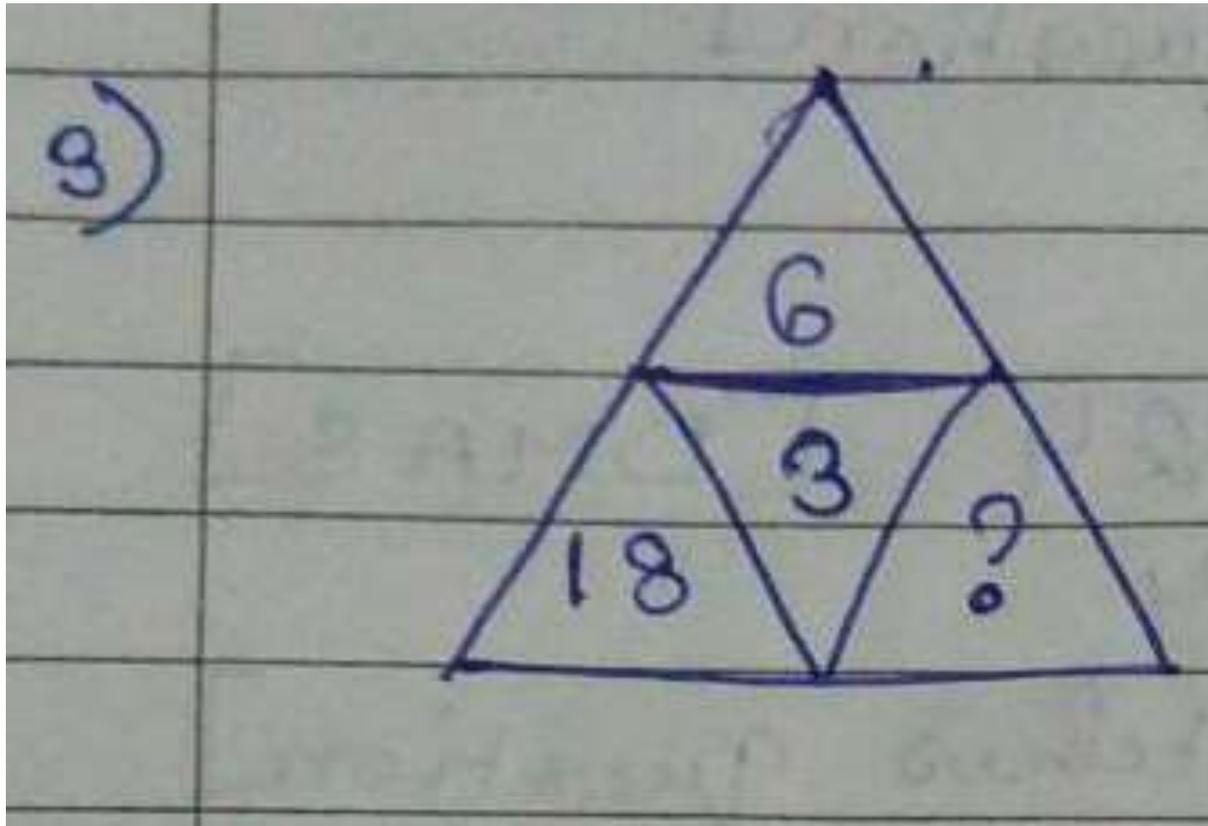
14	17	20
12	?	18
10	13	16

What will come in place of question mark?

2)

14	28
112	?

What will come in place of question mark?

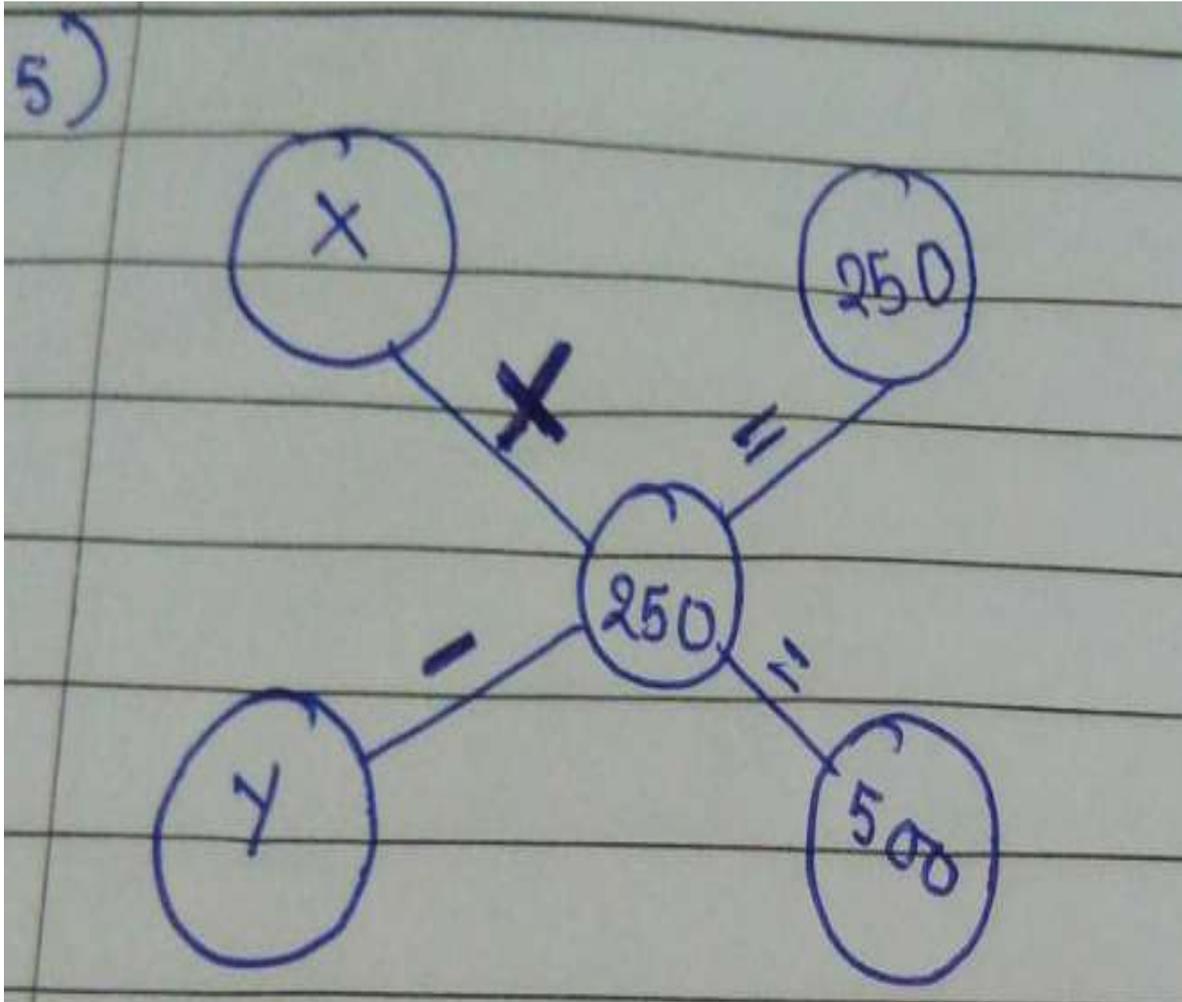


What will come in place of question mark?

4)

16	34
?	70

What will come in place of the X and Y?



Check your answer:

1)

14	17	20
12	15	18
10	13	16

$14 + 3 = 17$; $17 + 3 = 20$
 $12 + 3 = 15$; $15 + 3 = 18$
 $10 + 3 = 13$; $13 + 3 = 16$
or
 $14 - 2 = 12$; $12 - 2 = 10$
 $17 - 2 = 15$; $15 - 2 = 13$
 $20 - 2 = 18$; $18 - 2 = 16$

Check Your Answer

2)

14	28
112	56

$14 \times 2 = 28$
 $28 \times 2 = 56$
 $56 \times 2 = 112$

Check your answer (3) Ans)2

A hand-drawn diagram on lined paper showing a large triangle divided into four smaller triangles. The top triangle contains the number 6, the bottom-left triangle contains 18, and the bottom-right triangle contains 2. Below the diagram are two division equations: $18 \div 3 = 6$ and $6 \div 3 = 2$.

Check your answer

4)

16	34
142	70

$$16 + 18 = 34$$
$$34 + 36 = 70 \quad [18 \times 2 = 36]$$
$$70 + 72 = 142 \quad [36 \times 2 = 72]$$

OR,

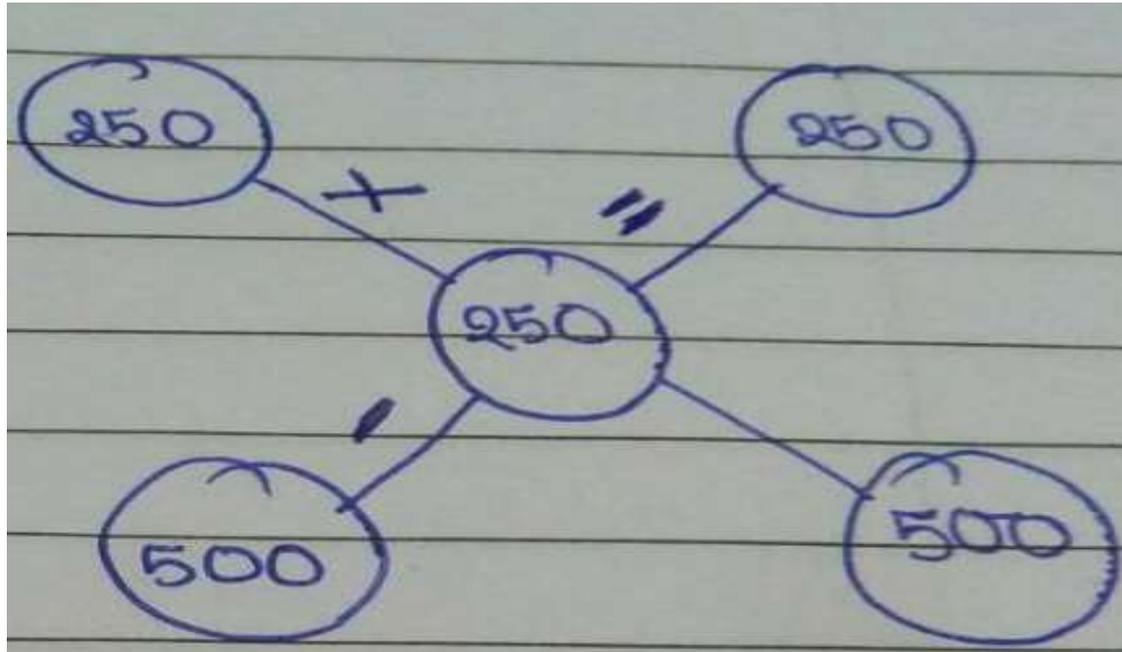
$$16 \times 2 = 32; \quad 32 + 2 = 34$$

$$34 \times 2 = 68; \quad 68 + 2 = 70$$

$$70 \times 2 = 140; \quad 140 + 2 = 142$$

Check your answer

5)



$$X + 250 = 500$$

$$\begin{aligned} \therefore X &= 500 - 250 \\ &= 250 \end{aligned}$$

$$Y - 250 = 250$$

$$\begin{aligned} \therefore Y &= 250 + 250 \\ &= 500 \end{aligned}$$



Thank You