



MENTAL MATHS AND REASONING

SERIES COMPLETION

MMRWS4

Date: 5/8/21

Maths Copy2



Q.1) Simplify :-

$$25 \div 5 - 8 \times 0 + 6 = \underline{\hspace{2cm}}$$

a) 40

b) 11

c) 0

d) 19

Q.2) What operation comes in place of ?.

$$36 \ ? \ 6 + 8 \times 12 \div 6 = 22$$

a) +

b) x

c) ÷

d) -

Q.3) What operation comes in place of ?

$$14 + 28 \div 7 ? 3 - 14 = 12$$

a) x

b) +

c) ÷

D -

Questions based on series:-

Q.4) 17 , 21 , 25 , 29 , _____

Q.5) 1 , 3 , 9 , 27 , _____

$$1) 25 \div 5 - 8 \times 0 + 6 = \underline{\hspace{2cm}}$$

Explanation :-

$$\underline{25 \div 5} - 8 \times 0 + 6 \quad (\text{DMAS rule})$$

$$= 5 - \underline{8 \times 0} + 6$$

$$= 5 - 0 + 6$$

$$= \underline{5 + 6} - 0$$

$$= 11 - 0$$

$$= 11$$

$$2) 36 \quad ? \quad 6 + 8 \times 12 \div 6 = 22$$

Explanation :-[DMAS]

$$36 \div 6 + 8 \times 12 \div 6$$

$$=6 + 8 \times 2$$

$$=6 + 16$$

$$=22(\text{answer matched with question})$$

$$\text{Ans.:- } 36 \div 6 + 8 \times 12 \div 6 = 22$$

$$3) 14 + 28 \div 7 \times 3 - 14 = 12$$

Explanation :-

$$14 + 28 \div 7 \times 3 - 14$$

$$= 14 + 4 \times 3 - 14$$

$$= 14 + 12 - 14$$

$$= 26 - 14$$

$$= 12 \text{ (answer matched with question)}$$

$$\text{Ans.:} - 14 + 28 \div 7 \times 3 - 14 = 12$$

4) 17, 21, 25, 29, _____

Explanation:-

$$17 + 4 = 21$$

$$21 + 4 = 25$$

$$25 + 4 = 29$$

$$29 + 4 = 33$$

5) 1, 3, 9, 27, _____

Explanation :-

$$1 \times 3 = 3$$

$$3 \times 3 = 9$$

$$9 \times 3 = 27$$

$$27 \times 3 = 81$$

THANK YOU