

# 7SA - Maths Portion

Q Find the missing number in the given series.

i) 4, 16, 36, 64, ?, 144

Solution:

$$2^2 = 4$$

$$4^2 = 16$$

$$6^2 = 36$$

$$8^2 = 64$$

$$10^2 = 100$$

$$12^2 = 144$$

So by taking the square we get the missing number that is 100. Answer

5

ii) 30, 29, 27, ?, 20, 15

Solution:

$$30 - 1 = 29$$

$$29 - 2 = 27$$

$$27 - 3 = 24$$

$$24 - 4 = 20$$

$$20 - 5 = 15$$

By subtracting the 1 from 1st no, 2 from second, 3 from 3rd, 4 from 4th and 5 from 5th number. Through this method we get the missing number that is 24. Answer

5

iii) 1, 7, 15, 25, ?, 51

Solution

$$1 + 6 = 7$$

$$7 + 8 = 15$$

$$15 + 10 = 25$$

$$25 + 12 = 37$$

$$37 + 14 = 51$$

Solution: By adding 6 in first number, than 8, 10, 12 and 14 we get the missing number that is 37 Answer

iv) 0, 2, 6, 12, 20, 30, ?

Solution  
 $0+2=2$   
 $2+4=6$   
 $6+6=12$   
 $12+8=20$   
 $20+10=30$   
 $30+12=42$

By adding even numbers we get the missing no that is 42

v) 48, 24, 72, 36, 108, ?

Solution  
 $48 \div 2 = 24$   
 $72 \div 2 = 36$   
 $108 \div 2 = 54$

Missing number is 54 Answer

explain the logic in detail.

Find out the correct word from the given jumbled spelling.

- 1. THRSI
- 2. GNDREA
- 3. SCHAMOT
- 4. ONLNDO
- 5. HIODALY

- SHIRT
- GARDEN
- STOMACH
- LONDON
- HOLIDAY

good!!