1. Find the missing number in question?

8	7
56	

6	5
30	

8	?
96	

A.12   B.10   C. 8   D.15

Ans: 12

Explanation:

In each diagram the bottom number is the product of top two numbers.

Ex: 8 x 7 = 56, 8 x 12 = 96

----

2. What number should replace the question mark with answer?

4	8	16
9	27	81
16	?	256

A.85   B.64   C.25   D.78

Ans: 64

Explanation:

In each diagram the bottom number is the product of top two numbers.

Ex: 8 x 7 = 56, 8 x 12 = 96

The first row is multiplied by 2, the second row is multiplied by 3 and the third row is multiplied by 4.

Ex: 4 x 2 = 8, 9 x 3 = 27, 16 x 4 = 64

----

3. Identify the figure from the question?

A.1   B.8   C.3   D.2

Ans: 1

Explanation:

Working from the top row, add the values in adjacent boxes and put this sum in the box directly below, working towards the center. Repeat this pattern starting at the bottom row as well.

Ex :(i) 6 + 7 = 13, 7 + 2 = 9, 13 + 9 = 22 (ii) 13 + 4 = 17, 4 + 1 = 5

4.Which number replaces the question mark?

3   5   7   10

13 15 7   20

43 45 47   ?

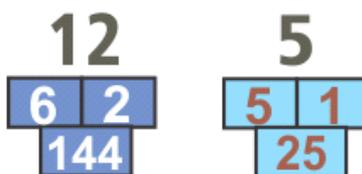A.90   B.88   C.95   D.65

Ans: 90

Explanation:

Each row the sum of the first position and third position number is equal to fourth position number.

Ex: 3 + 7 = 10, 13 + 7 = 20, Hence 43 + 47 = 90

----

5. What number comes inside the missing box?

12   5
6 2   5 1
144   25
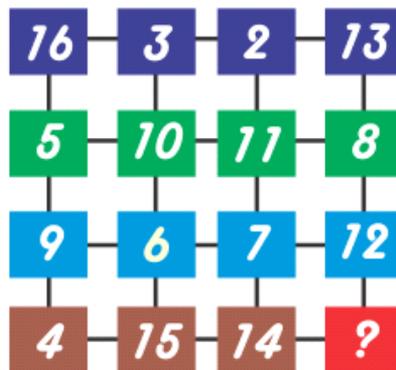
28
4 7
?

A.780   B.782   C.789   D.784

Ans:784

Explanation:

The bottom number is the square of the multiplication of top two numbers.

Ex: 6 x 2 = 12 12 x 12 = 144, 4 x 7 = 28 28 x 28 = 784

----

6. Find missing number?

A.7   B.1   C.2   D.5

Ans: 1

Explanation:

The sum of each row or column is equal to 34.

Ex: 9 + 6 + 7 + 12 = 34,16 + 5 + 9 + 4 = 34

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7. Can you find the missing number?
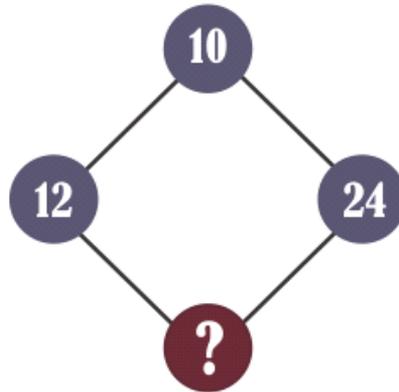
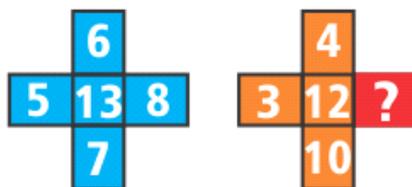A.15   B.7   C.16   D.19

Ans:16

Explanation:

In this series, the sequence number is added with two power increasing in this order.

Ex: $10 + 2 = 12$, $12 + 2^2 = 16$, $16 + 2^3 = 24$

----

8. Find the number that replaces "?
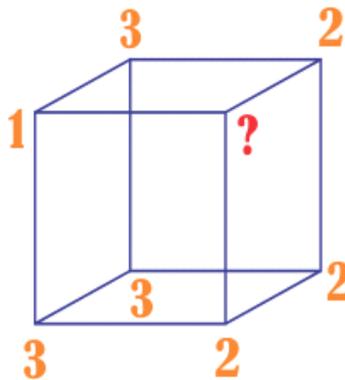

A.10   B.7   C.8   D.6

Ans:7

Explanation:

The sum of outer box numbers is divided by two is equal two center box number.

Ex: (i) 6 + 5 + 8 + 7 = 26 / 2 = 13(ii) 3 + 4 + 10 + 7 = 24 /2 12

----

9. Find the missing number in question?

A.4   B.5   C.8   D.13

Ans:4

Explanation:

The given cube, if any four corners sum is equal to 10.

Ex: 1 + 3 + 3 + 3 = 10

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10. Find the missing number in question?

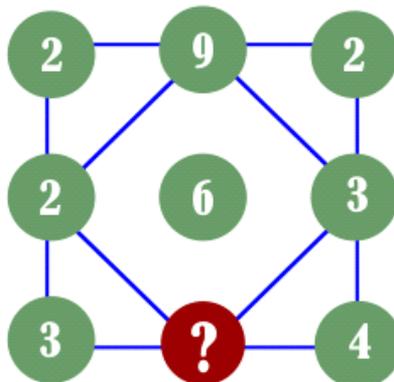A.11   B.15   C.20   D.18

Ans:20

Explanation:

In this series, the first row is divided by three and we will it get second row, then the second row is multiplied by two. then we will get the third row.

Ex: 24 / 3 = 88 x 2 = 16

----

11. What number should replace the question mark with answer?

A.4   B.3   C.2   D.6

Ans:3

Explanation:

The number in each row multiplying the digit is 36.

Ex: 2 x 9 x 2 = 36, 3 x 3x 4 = 36

12.What number should replace the question mark with answer?
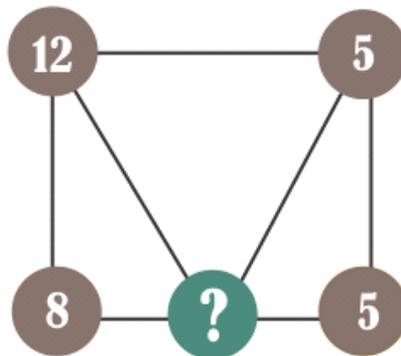
A.60   B.50   C.48   D.52

Ans:60

Explanation:

The sum of given circle is multiplied by 2.

Ex: 12 + 5 + 8 + 5 = 30 30 x 2 = 60

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13. What number should replace the question mark with answer?
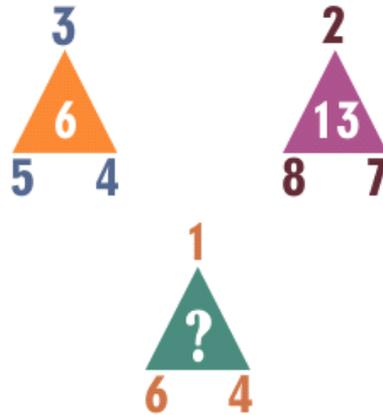
A.8   B.7   C.9   D.13

Ans:9

Explanation:

In each triangle add the lower two numbers and subtract the upper number to get the value at the center.

Ex: (I) 5 + 4 = 9, 9 - 3 = 6 (ii) 6 + 4 = 10, 10- 1 = 9.

----

14. Identify the figure from the question?

A.120   B.121   C.130   D.125

Ans:125

Explanation:

Each number multiplying by 5.

Ex: (i) 5 x 5 = 25 (ii) 25 x 5 = 125

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15. Find the missing number in question?
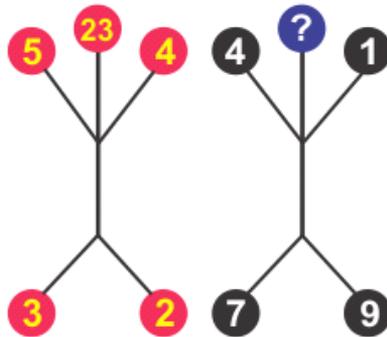
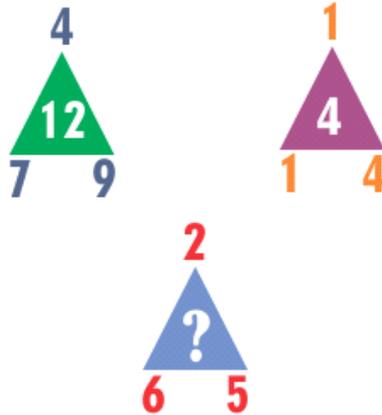A.37   B.39   C.35   D.31

Ans:37

Explanation:

Multiply the numbers in top and bottom of the left part and follow the same to the right part then add the two after multiplying will give the result.

Ex: (i)5 x 3 = 15, 4 x 2 = 8, 15 + 8 = 23 (ii) 4 x7 = 28, 1 x 9 = 9, 28 + 9= 37.

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16. Find the missing number in question?

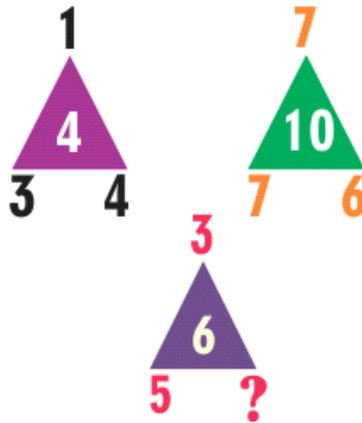A.8   B.9   C.13   D.15

Ans:9

Explanation:

The number at the center of each triangle equals the sum of the lower two numbers minus the top number.

Ex: (i) 7 + 9 = 16, 16 - 4 = 12 (ii) 6 + 5 = 11, 11 - 2 = 9

----

17. Find the missing number in question?

A.4   B.10   C.12   D.8

Ans:4

Explanation:

In each triangle the central number equals the sum of the three outer numbers divided by two.

Ex: (i) 3 + 4 + 1 = 8 / 2 = 4 (ii) 5 + 4 + 3 = 12 / 2 = 6

----

18. Find missing number?