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Character Puzzles



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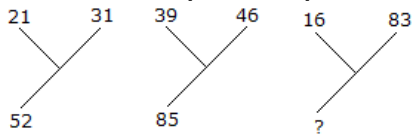
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Q. 1 Which one will replace the question mark ?



- [A] 92
- [B] 72
- [C] 62
- [D] 99

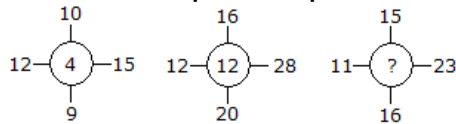
Answer Option [D]

**Explanation:**

$21 + 31 = 52$   
and  $39 + 46 = 85$   
Therefore,  $16 + 83 = 99$ .

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Q. 2 Which one will replace the question mark ?



- [A] 11
- [B] 14
- [C] 10
- [D] 12

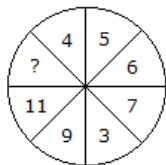
Answer Option [A]

**Explanation:**

$(15 - 12) + (10 - 9) = 4$   
 $(28 - 12) + (16 - 20) = 12$   
Similarly,  $(23 - 11) + (15 - 16) = 11$ .

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Q. 3 Which one will replace the question mark ?



- [A] 13
- [B] 14
- [C] 12
- [D] 15

Answer Option [D]

**Explanation:**

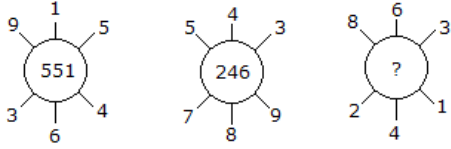
Sum of numbers in lower half of the circle =  $11 + 9 + 3 + 7 = 30$   
Sum of numbers in upper half of the circle =  $? + 4 + 5 + 6 = ? + 15$   
Upper half = Lower half  
 $30 = ? + 15$   
 $? = 30 - 15$   
 $? = 15$   
Therefore, 15 is the answer.

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Q. 4 Which one will replace the question mark ?



- [A] 262
- [B] 622
- [C] 631
- [D] 824

Answer Option [B]

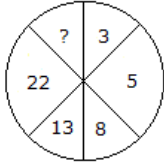
**Explanation:**

$$(915 - 364) = 551$$

$$(789 - 543) = 246$$

$$(863 - 241) = 622.$$

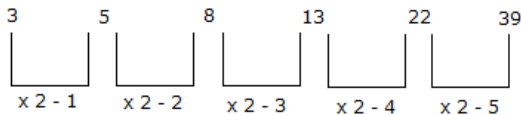
Q. 5 Which one will replace the question mark ?



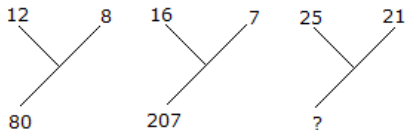
- [A] 45
- [B] 29
- [C] 39
- [D] 37

Answer Option [C]

**Explanation:**



Q. 6 Which one will replace the question mark ?



- [A] 184
- [B] 210
- [C] 241
- [D] 425

Answer Option [A]

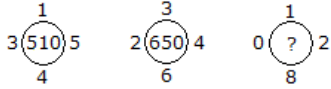
**Explanation:**

$$(12)^2 - (8)^2 = 80$$

$$\text{and } (16)^2 - (7)^2 = 207$$

$$\text{Therefore } (25)^2 - (21)^2 = 184.$$

Q. 7 Which one will replace the question mark ?



- [A] 660
- [B] 670
- [C] 610
- [D] 690

Answer Option [D]

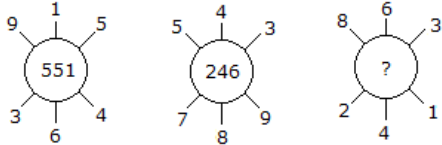
**Explanation:**

$$(1)^2 + (5)^2 + (4)^2 + (3)^2 = 51 \times 10 = 510$$

$$\text{and } (3)^2 + (4)^2 + (6)^2 + (2)^2 = 65 \times 10 = 650$$

$$\text{Similarly } (0)^2 + (1)^2 + (2)^2 + (8)^2 = 69 \times 10 = 690.$$

Q. 8 Which one will replace the question mark ?



- [A] 262
- [B] 622
- [C] 631
- [D] 824

Answer Option [B]

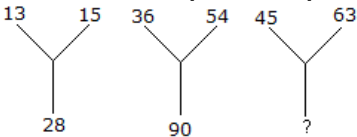
**Explanation:**

$$915 - 364 = 551$$

$$\text{and } 789 - 543 = 246$$

$$\text{Similarly, } 863 - 241 = 622.$$

Q. 9 Which one will replace the question mark ?



- [A] 18
- [B] 90
- [C] 108
- [D] 28

Answer Option [C]

**Explanation:**

$$13 + 15 = 28$$

$$36 + 54 = 90$$

$$\text{Therefore, } 45 + 63 = 108.$$

Q. 10 Which one will replace the question mark ?

5	6	5
8	9	7
10	7	?
400	378	315

- [A] 9
- [B] 5
- [C] 7
- [D] 3

Answer Option [A]

**Explanation:**

$$5 \times 8 \times 10 = 400$$

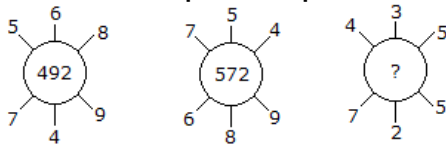
$$\text{and } 6 \times 9 \times 7 = 378$$

$$\text{Therefore } 5 \times 7 \times ? = 315$$

$$? = 9.$$

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Q. 11 Which one will replace the question mark ?



- [A] 115
- [B] 130
- [C] 135
- [D] 140

Answer Option [B]

**Explanation:**

$$(5 \times 6 \times 8) + (7 \times 4 \times 9) = 492$$

$$\text{and } (7 \times 5 \times 4) + (6 \times 8 \times 9) = 572$$

$$\text{Therefore } (4 \times 3 \times 5) + (7 \times 2 \times 5) = 130.$$

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Q. 12 Which one will replace the question mark ?

2	4	0
1	2	4
3	1	3
36	?	91

- [A] 25
- [B] 59
- [C] 48
- [D] 73

Answer Option [D]

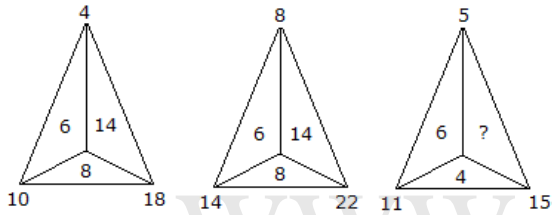
**Explanation:**

$$(2)^3 + (1)^3 + (3)^3 = 36$$

$$\text{and } (0)^3 + (4)^3 + (3)^3 = 91$$

$$\text{Therefore, } (4)^3 + (2)^3 + (1)^3 = 73.$$

Q. 13 Which one will replace the question mark ?



[A] 8

[B] 14

[C] 10

[D] 6

Answer Option [C]

**Explanation:**

For first triangle,

$$10 - 4 = 6$$

$$18 - 10 = 8$$

$$18 - 4 = 14$$

For second triangle,

$$14 - 8 = 6$$

$$22 - 14 = 8$$

$$22 - 8 = 14$$

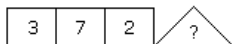
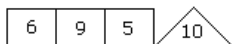
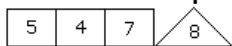
For third triangle,

$$11 - 5 = 6$$

$$15 - 11 = 4$$

$$15 - 5 = 10.$$

Q. 14 Which one will replace the question mark ?



[A] 1

[B] 4

[C] 3

[D] 6

Answer Option [D]

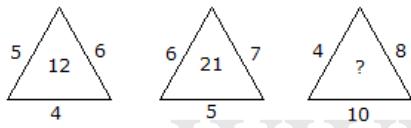
**Explanation:**

$$(5 + 4 + 7)/2 = 8$$

$$(6 + 9 + 5)/2 = 10$$

$$(3 + 7 + 2)/2 = 6.$$

Q. 15 Which one will replace the question mark ?



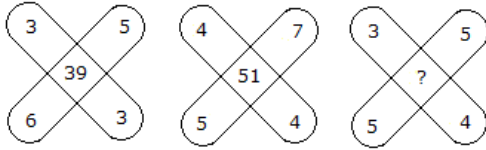
- [A] 14
- [B] 22
- [C] 32
- [D] 320

Answer Option [C]

**Explanation:**  
 $(5 \times 6 \times 4) / 10 = 12$   
 and  $(6 \times 7 \times 5) / 10 = 21$   
 Therefore  $(4 \times 8 \times 10) / 10 = 32$ .

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Q. 16 Which one will replace the question mark ?



- [A] 47
- [B] 45
- [C] 37
- [D] 35

Answer Option [C]

**Explanation:**  
 $(3 \times 3) + (5 \times 6) = 39$   
 and  $(4 \times 4) + (5 \times 7) = 51$   
 Therefore,  $(3 \times 4) + (5 \times 5) = 37$ .

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Q. 17 Which one will replace the question mark ?

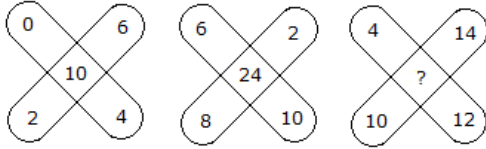
18	24	32
12	14	16
3	?	4
72	112	128

- [A] 2
- [B] 3
- [C] 4
- [D] 5

Answer Option [B]

**Explanation:**  
 $(18 \times 12) / 3 = 72$   
 and  $(32 \times 16) / 4 = 128$   
 Therefore,  $(24 \times 14) / ? = 112$   
 $(336 / ?) = 112$   
 $? = (336 / 112)$   
 $? = 3$ .

Q. 18 Which one will replace the question mark ?



- [A] 36
- [B] 48
- [C] 38
- [D] 30

Answer Option [C]

**Explanation:**

$$(0 + 2 + 6 + 4) - 2 = 10$$

$$\text{and } (6 + 2 + 10 + 8) - 2 = 24$$

$$\text{Therefore, } (4 + 14 + 12 + 10) - 2 = 38.$$

Q. 19 Which one will replace the question mark ?

16	28	29
13	12	16
14	10	15
15	30	?

- [A] 60
- [B] 30
- [C] 20
- [D] 45

Answer Option [B]

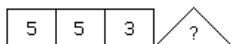
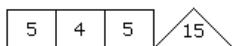
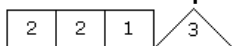
**Explanation:**

$$(16 + 13) = (14 + 15)$$

$$\text{and } (28 + 12) = (10 + 30)$$

$$\text{Therefore } (29 + 16) = (15 + 30).$$

Q. 20 Which one will replace the question mark ?



- [A] 11
- [B] 19
- [C] 15
- [D] 22



Answer Option [D]

**Explanation:**

$$(2 \times 2 - 1) = 3$$

$$\text{and } (5 \times 4 - 5) = 15$$

$$(5 \times 5 - 3) = 22.$$

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Q. 21 Which one will replace the question mark ?

4	4	7	7
---	---	---	---

3	6	2	4
---	---	---	---

2	6	2	?
---	---	---	---

[A] 2

[B] 4

[C] 6

[D] 8

Answer Option [C]

**Explanation:**

$$(4 \times 7) \% 4 = 7$$

$$\text{and } (6 \times 2) \% 3 = 4$$

$$\text{Therefore, } (6 \times 2) \% 2 = 6.$$

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Q. 22 Which one will replace the question mark ?

7	4	5
8	7	6
3	3	?
29	19	31

[A] 3

[B] 5

[C] 4

[D] 6

Answer Option [B]

**Explanation:**

$$(7 \times 3) + 8 = 29$$

$$(4 \times 3) + 7 = 19$$

$$(5 \times ?) + 6 = 31$$

$$? = 5.$$

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Q. 23 Which one will replace the question mark ?

7	9	21	27
4	2	36	18
9	4	54	?

[A] 18

[B] 24

[C] 36

[D] 58

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Answer Option [B]

**Explanation:**

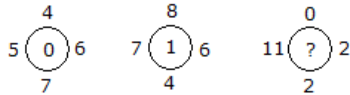
$$(7 \times 3) = 21 \text{ and } (9 \times 3) = 27$$

$$\text{and } (4 \times 9) = 36 \text{ and } (2 \times 9) = 18$$

$$\text{Therefore } (9 \times 6) = 54 \text{ and } (4 \times 6) = 24.$$

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Q. 24 Which one will replace the question mark ?



[A] 0

[B] 2

[C] 11

[D] 12

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Answer Option [C]

**Explanation:**

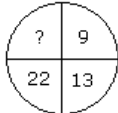
$$(6 + 5) - (7 + 4) = 0$$

$$\text{and } (7 + 6) - (8 + 4) = 1$$

$$\text{Therefore } (11 + 2) - (2 + 0) = 11.$$

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Q. 25 Which one will replace the question mark ?



[A] 40

[B] 38

[C] 44

[D] 39

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Answer Option [B]

**Explanation:**

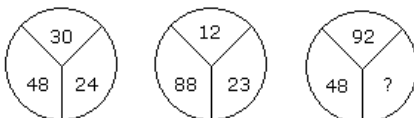
$$9 + (2)^2 = 13$$

$$13 + (3)^2 = 22$$

$$22 + (4)^2 = 38.$$

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Q. 26 Which one will replace the question mark ?



[A] 60

[B] 46

[C] 86

[D] 75

Answer Option [C]

**Explanation:**

$$(30 - 24) \times 8 = 48$$

$$\text{and } (23 - 12) \times 8 = 88$$

$$\text{Therefore, } (92 - 86) \times 8 = 48.$$

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Q. 27 Which one will replace the question mark ?

1	$\frac{1}{2}$	$\frac{3}{2}$
2	$\frac{2}{3}$	$\frac{8}{3}$
3	?	$\frac{19}{5}$

[A]  $\frac{1}{2}$

[B]  $\frac{2}{3}$

[C]  $\frac{3}{4}$

[D]  $\frac{4}{5}$

Answer Option [D]

**Explanation:**

$$\text{From I row, } 1 + \left(\frac{1}{2}\right) = \frac{3}{2}$$

$$\text{From II row, } 2 + \left(\frac{2}{3}\right) = \frac{8}{3}$$

$$\text{From III row, } 3 + ? = \frac{19}{5}$$

$$? = \left(\frac{19}{5}\right) - 3$$

$$? = \left(\frac{4}{5}\right).$$

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Q. 28 Which one will replace the question mark ?

A <sub>2</sub>	C <sub>4</sub>	E <sub>6</sub>
G <sub>3</sub>	I <sub>5</sub>	?
M <sub>5</sub>	O <sub>9</sub>	Q <sub>14</sub>

[A] L<sub>10</sub>

[B] K<sub>15</sub>

[C] I<sub>15</sub>

[D] K<sub>8</sub>

Answer Option [D]

**Explanation:**

$$A_2 \xrightarrow{+2} C_4 \xrightarrow{+2} E_6$$

$$M_5 \xrightarrow{+2} O_9 \xrightarrow{+2} Q_{14}$$

$$G_3 \xrightarrow{+2} I_5 \xrightarrow{+2} K_8$$

How the number is obtained?

$$2 + 4 = 6$$

$$5 + 9 = 14$$

Similarly,

$3 + 5 = 8$

Therefore, the answer is K<sub>g</sub>.

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Q. 29 Which one will replace the question mark ?

3	6	8
5	8	4
4	7	?

- [A] 6
- [B] 7
- [C] 8
- [D] 9

Answer Option [A]

**Explanation:**

$(5 + 3)/2 = 4$

$\text{and } (6 + 8)/2 = 7$

$\text{Therefore } (8 + 4)/2 = 6.$

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Q. 30 Which one will replace the question mark ?

3	15	4
7	38	5
3	?	5

- [A] 15
- [B] 19
- [C] 20
- [D] 18

Answer Option [D]

**Explanation:**

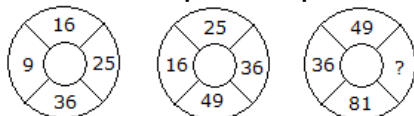
$(3 \times 4) + 3 = 15$

$\text{and } (7 \times 5) + 3 = 38$

$\text{Therefore } (3 \times 5) + 3 = 18.$

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Q. 31 Which one will replace the question mark ?



- [A] 64
- [B] 144
- [C] 169
- [D] 25

Answer Option [A]

**Explanation:**

The numbers are squared in ascending order

In first circle,

$$(3)^2 = 9$$

$$(4)^2 = 16$$

$$(5)^2 = 25$$

$$(6)^2 = 36.$$

In second circle,

$$(4)^2 = 16$$

$$(5)^2 = 25$$

$$(6)^2 = 36$$

$$(7)^2 = 49.$$

In third circle,

$$(6)^2 = 36$$

$$(7)^2 = 49$$

$$(8)^2 = 64$$

$$(9)^2 = 81.$$

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Q. 32 Which one will replace the question mark ?

4	9	2
3	5	7
8	1	?

[A] 9

[B] 6

[C] 15

[D] 14

Answer Option [B]

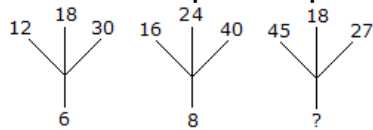
**Explanation:**

$$(4 + 9 + 2) = (3 + 5 + 7) = (8 + 1 + 6)$$

Total in each case = 15.

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Q. 33 Which one will replace the question mark ?



[A] 18

[B] 12

[C] 9

[D] 6

Answer Option [C]

**Explanation:**

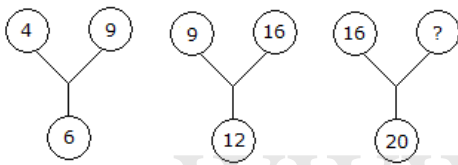
$$(12 + 18 + 30)/10 = 6$$

$$(16 + 24 + 40)/10 = 8$$

$$\text{Similarly, } (45 + 18 + 27)/10 = 9.$$

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Q. 34 Which one will replace the question mark ?



- [A] 60
- [B] 50
- [C] 25
- [D] 21

Answer Option [C]

$$\sqrt{4 \times 9} = 6$$

and  $\sqrt{9 \times 16} = 12$

Therefore  $\sqrt{16 \times ?} = 20$

**Explanation:**  $? = 25$

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Q. 35 Which one will replace the question mark ?

5			
32	?	44	7
6			

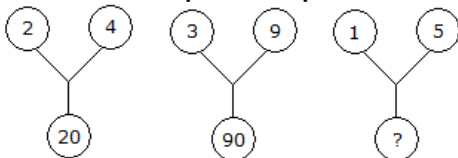
- [A] 33
- [B] 38
- [C] 32
- [D] 37

Answer Option [D]

**Explanation:**  
 $(5 \times 6) + 2 = 32$   
 $(7 \times 6) + 2 = 44$   
 $(7 \times 5) + 2 = 37$ .

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Q. 36 Which one will replace the question mark ?



- [A] 75
- [B] 26
- [C] 25
- [D] 20

Answer Option [B]

**Explanation:**  
 $(2)^2 + (4)^2 = 20$

and  $(3)^2 + (9)^2 = 90$   
Therefore  $(1)^2 + (5)^2 = 26$ .

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Q. 37 Which one will replace the question mark ?

3	?	5
5	4	7
4	4	4
60	96	140

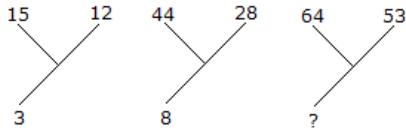
- [A] 4
- [B] 6
- [C] 9
- [D] 8

Answer Option [B]

**Explanation:**  
 $3 \times 5 \times 4 = 60$   
and  $5 \times 7 \times 4 = 140$   
Therefore,  $4 \times 4 \times ? = 96$   
 $? = (96/16) = 6$ .

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Q. 38 Which one will replace the question mark ?



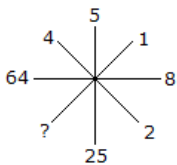
- [A] 30
- [B] 13
- [C] 70
- [D] 118

Answer Option [B]

**Explanation:**  
 $(15 + 12)/9 = 3$   
and  $(44 + 28)/9 = 8$   
Therefore,  $(64 + 53)/9 = 13$ .

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Q. 39 Which one will replace the question mark ?



- [A] 1
- [B] 2
- [C] 3
- [D] 4

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Answer Option [A]

**Explanation:**

$$(2)^2 = 4$$

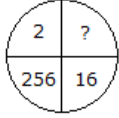
$$(8)^2 = 64$$

$$(5)^2 = 25$$

$$(1)^2 = 1.$$

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Q. 40 Which one will replace the question mark ?



[A] 8

[B] 32

[C] 4

[D] 16

Answer Option [C]

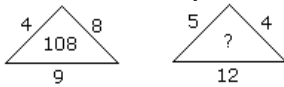
**Explanation:**

$$(16)^2 = 256$$

Therefore,  $(2)^2 = 4$ .

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Q. 41 Which one will replace the question mark ?



[A] 80

[B] 114

[C] 108

[D] None of these

Answer Option [C]

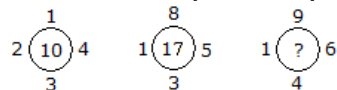
**Explanation:**

$$(4 + 8) \times 9 = 108$$

$$(5 + 4) \times 12 = 108.$$

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Q. 42 Which one will replace the question mark ?



[A] 18

[B] 20

[C] 21

[D] 19

Answer Option [B]

**Explanation:**

$$1 + 2 + 3 + 4 = 10$$

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and  $1 + 3 + 5 + 8 = 17$   
Similarly,  $1 + 4 + 6 + 9 = 20$ .

Q. 43 Which one will replace the question mark ?

4	5	6
2	3	7
1	8	3
21	98	?

- [A] 94
- [B] 76
- [C] 16
- [D] 73

Answer Option [A]

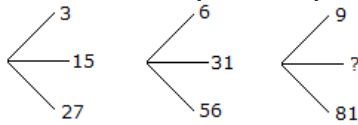
**Explanation:**

$$(4)^2 + (2)^2 + (1)^2 = 21$$

$$\text{and } (5)^2 + (3)^2 + (8)^2 = 98$$

$$\text{Therefore } (6)^2 + (7)^2 + (3)^2 = 94.$$

Q. 44 Which one will replace the question mark ?



- [A] 45
- [B] 41
- [C] 32
- [D] 40

Answer Option [A]

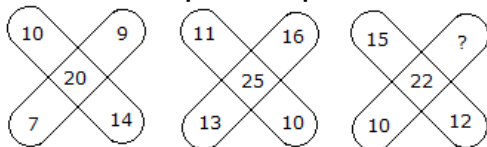
**Explanation:**

$$(15 \times 2 - 3) = 27,$$

$$(31 \times 2 - 6) = 56$$

$$\text{and } (45 \times 2 - 9) = 81$$

Q. 45 Which one will replace the question mark ?



- [A] 6
- [B] 7
- [C] 8
- [D] 9

Answer Option [B]

**Explanation:**

$$(10 + 9 + 14 + 7)/2 = 20$$

$$\text{and } (11 + 16 + 10 + 13)/2 = 25$$

$$\text{Therefore, } (15 + ? + 12 + 10)/2 = 22$$

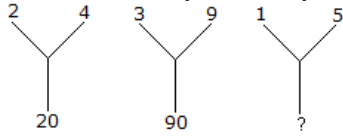
$$\text{Hence } 37 + ? = 44$$

$$? = 44 - 37$$

$$? = 7.$$

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Q. 46 Which one will replace the question mark ?



[A] 20

[B] 26

[C] 25

[D] 75

Answer Option [B]

**Explanation:**

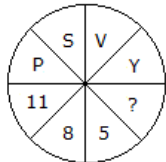
$$(2)^2 + (4)^2 = 20$$

$$(3)^2 + (9)^2 = 90$$

$$\text{Therefore, } (1)^2 + (5)^2 = 26.$$

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Q. 47 Which one will replace the question mark ?



[A] 3

[B] 2

[C] 7

[D] 6

Answer Option [B]

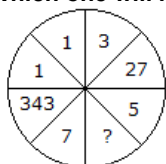
**Explanation:**

Putting the position of the letters in reverse order

$$P = 11, S = 8, V = 5 \text{ and } Y = 2.$$

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Q. 48 Which one will replace the question mark ?



[A] 25

[B] 625

[C] 125

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Answer Option [C]

**Explanation:**

All numbers are cubed,

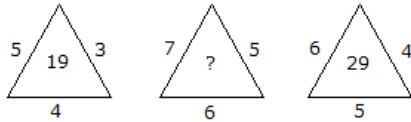
$(7)^3 = 343$

$(1)^3 = 1$

$(3)^3 = 27$

Similarly,  $(5)^3 = 125$ .[www.rrb2018.com](http://www.rrb2018.com) | [www.couponlal.com](http://www.couponlal.com) | [www.examlal.com](http://www.examlal.com) | [www.joblal.com](http://www.joblal.com) | [www.examy.com](http://www.examy.com)

Q. 49 Which one will replace the question mark ?



[A] 25

[B] 37

[C] 41

[D] 47

Answer Option [C]

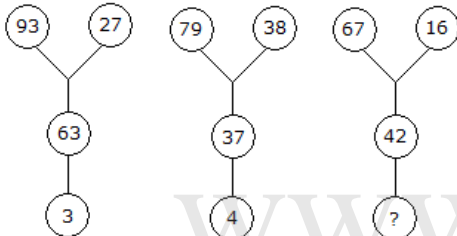
**Explanation:**

$(5 \times 3) + 4 = 19$

and  $(6 \times 4) + 5 = 29$

Therefore,  $(7 \times 5) + 6 = 41$ [www.rrb2018.com](http://www.rrb2018.com) | [www.couponlal.com](http://www.couponlal.com) | [www.examlal.com](http://www.examlal.com) | [www.joblal.com](http://www.joblal.com) | [www.examy.com](http://www.examy.com)

Q. 50 Which one will replace the question mark ?



[A] 5

[B] 6

[C] 8

[D] 9

Answer Option [D]

**Explanation:**

$93 - (27 + 3) = 63$

$79 - (38 + 4) = 37$

Therefore,  $67 - (16 + X) = 42$

$X = 9$

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Q. 51 Which one will replace the question mark ?

4	7	5
33	78	46
8	?	9

- [A] 12  
 [B] 13  
 [C] 11  
 [D] 10

Answer Option [C]

**Explanation:**

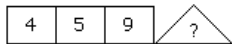
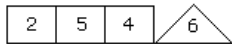
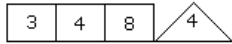
$$(4 \times 8) + 1 = 33$$

$$(5 \times 9) + 1 = 46$$

$$\text{Similarly, } (7 \times 11) + 1 = 78.$$

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Q. 52 Which one will replace the question mark ?



- [A] 8  
 [B] 9  
 [C] 10  
 [D] 11

Answer Option [D]

**Explanation:**

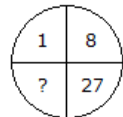
$$(3 \times 4 - 8) = 4$$

$$(2 \times 5 - 4) = 6$$

$$(4 \times 5 - 9) = 11.$$

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Q. 53 Which one will replace the question mark ?



- [A] 41  
 [B] 64  
 [C] 35  
 [D] 61

Answer Option [B]

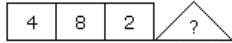
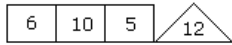
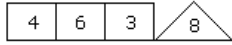
**Explanation:**

$$(1)^3 = 1, (2)^3 = 8, (3)^3 = 27$$

$$\text{Therefore, } (4)^3 = 64.$$

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Q. 54 Which one will replace the question mark ?



- [A] 8
- [B] 12
- [C] 16
- [D] 20

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Answer Option [C]

**Explanation:**

$$(4 \times 6) \% 3 = 8$$

$$(6 \times 10) \% 5 = 12$$

$$(4 \times 8) \% 2 = 16.$$