



Missing Number

Relation Between 3 or more number



❖ MORE THAN 3 NUMBERS

□ (A, B, C, D, E)

□ A – B – C – D

□ A : B : C : D

A^2



A



A^3

+

-

×

÷

B^2



B



B^3

+

-

×

÷

C^2



C



C^3

+

-

×

÷

D^2



D



D^3

question

1

13 108 26 55 ? 157
 11 9 14

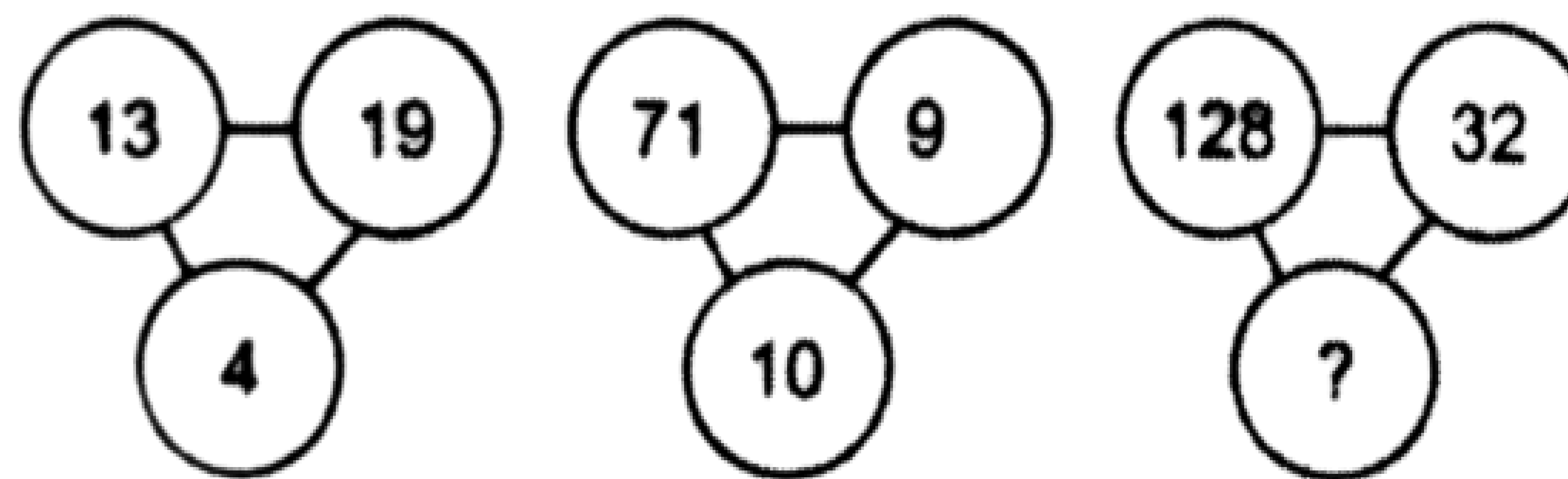
[A] 32

[B] 39

[C] 72

[D] 52





[A] 16

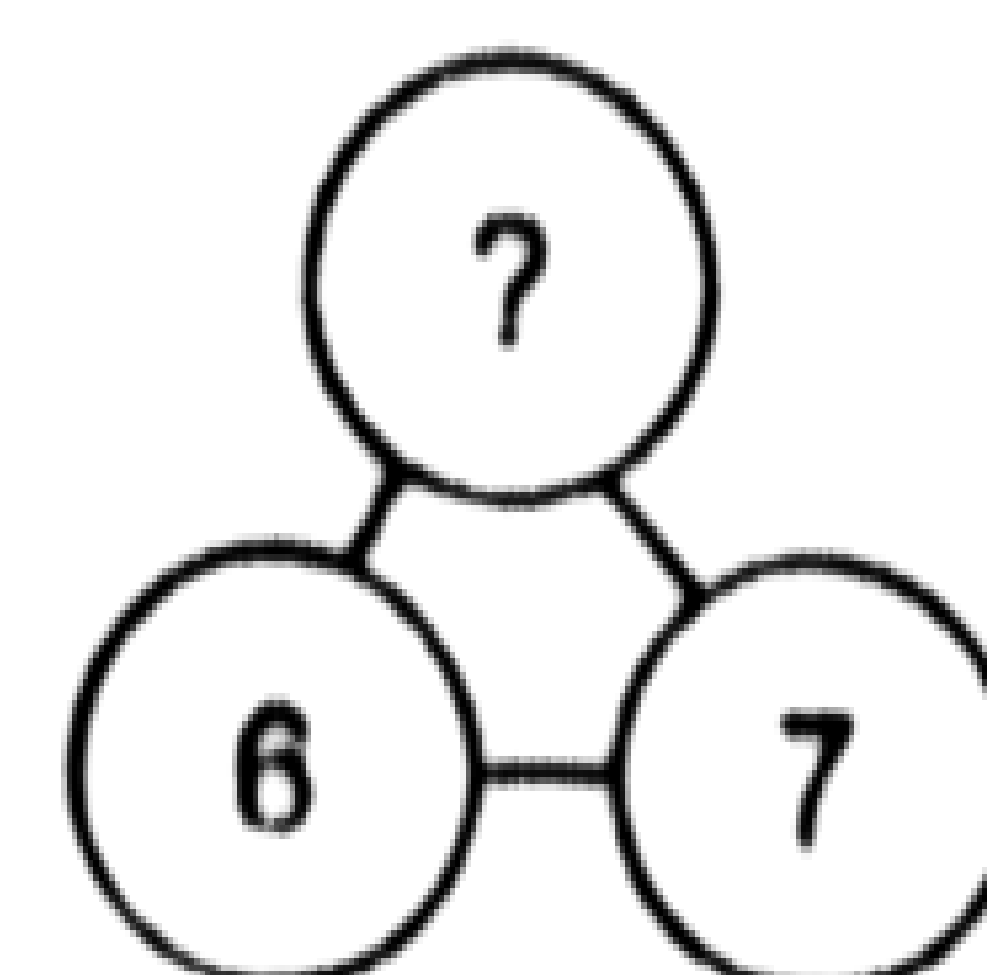
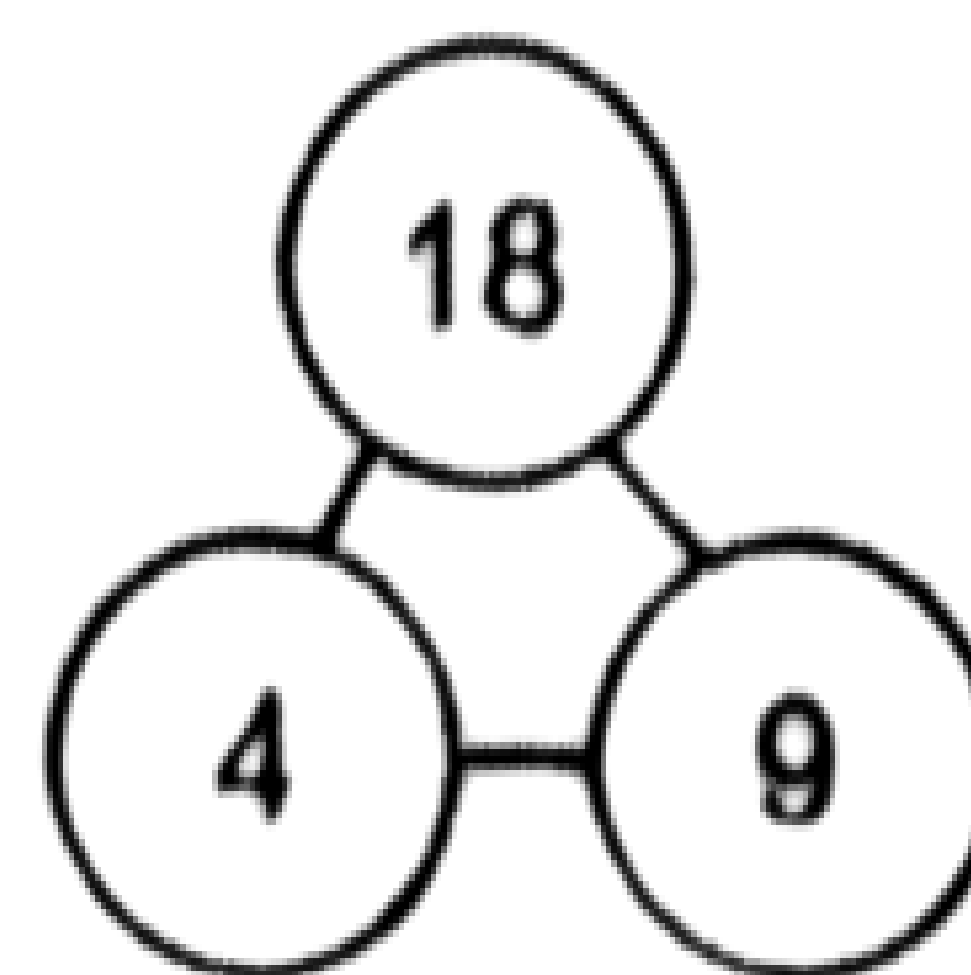
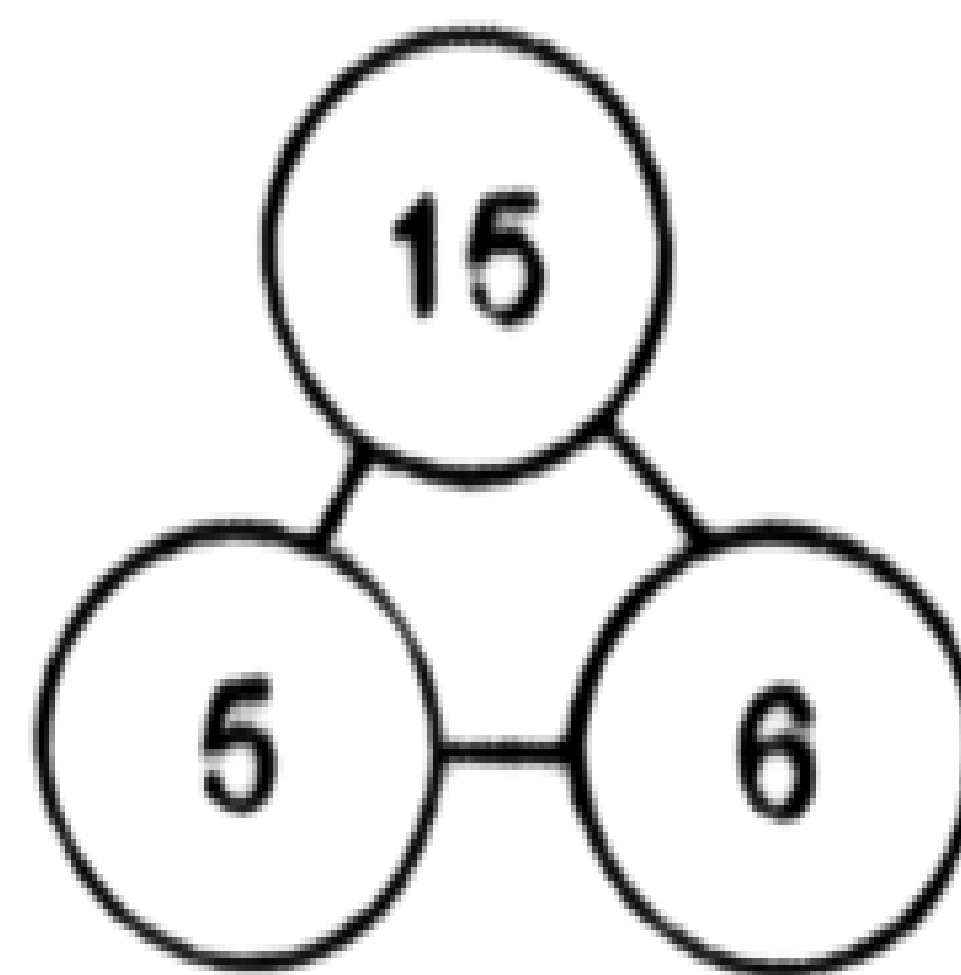
[B] 26

[C] 12

[D] 20

question

3



[A] 15

[B] 21

[C] 22

[D] 23

46	12	30	28
32	16	?	30
54	10	29	35

[A] 20

[B] 18

[C] 22

[D] 16



12	9	16
9	3	27
14	?	28

[A] 8

[B] 9

[C] 7

[D] 11



B का मान ज्ञात कीजिये ?

7	21	84	420
15	45	A	B

[A] 720

[B] 850

[C] 900

[D] 950



question

7

7	9	8
97	73	64
6	7	?
55	10	48

[A] 2

[B] 5

[C] 4

[D] 3



4	(15)	1
7	(22)	3
?	(57)	4

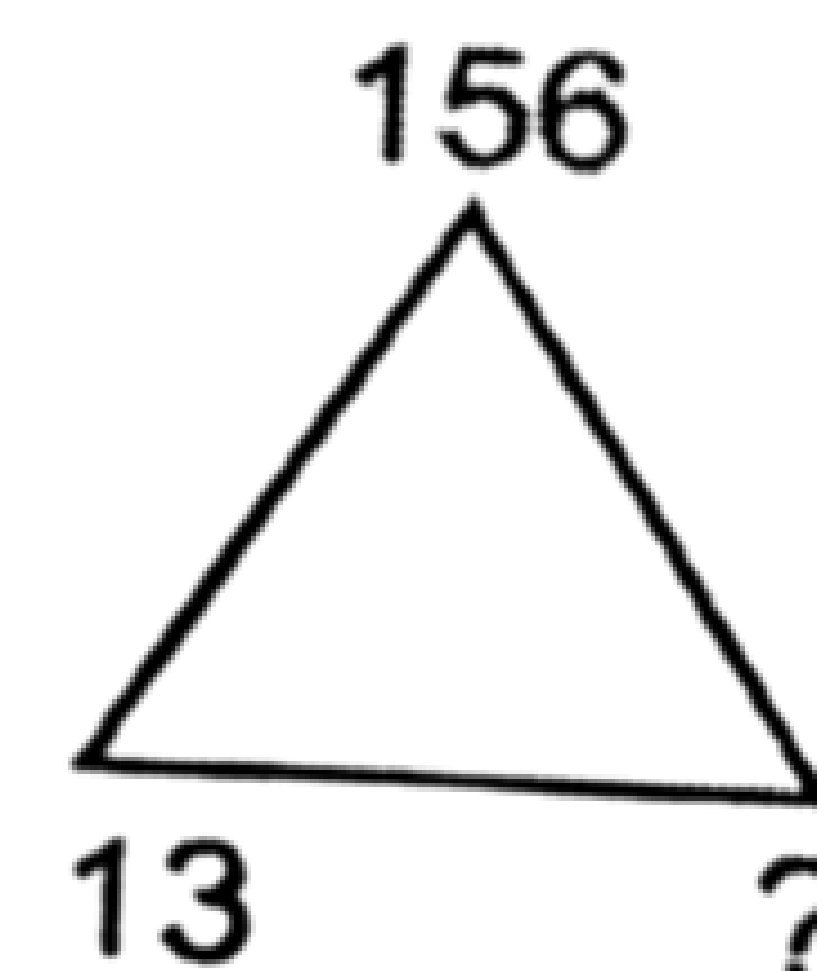
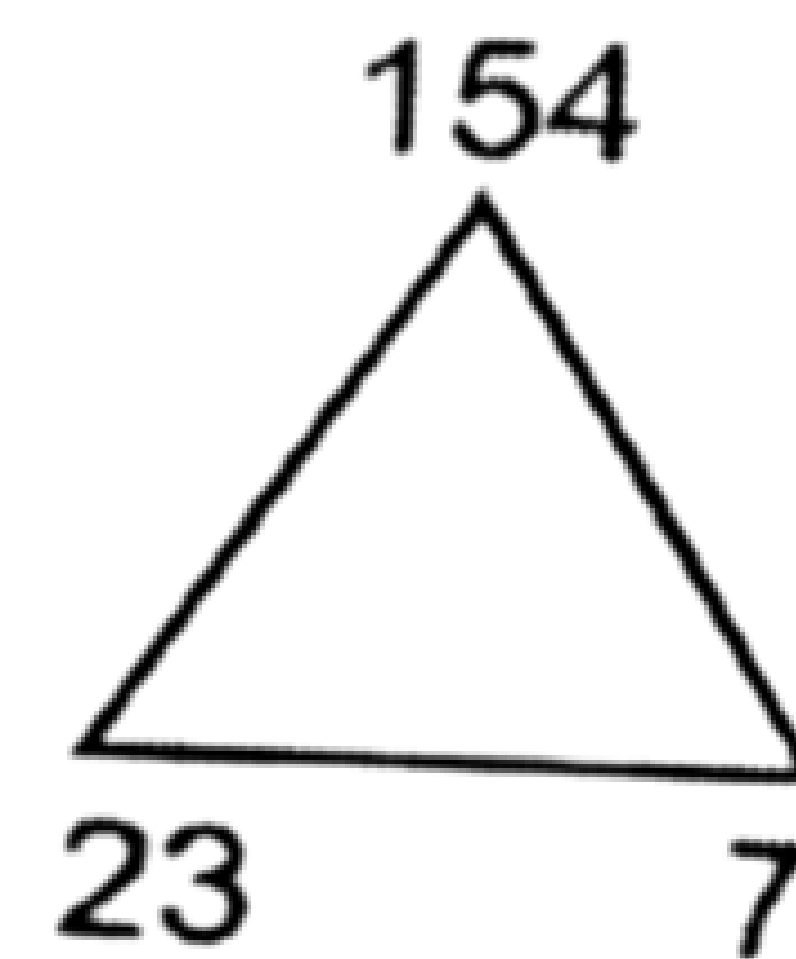
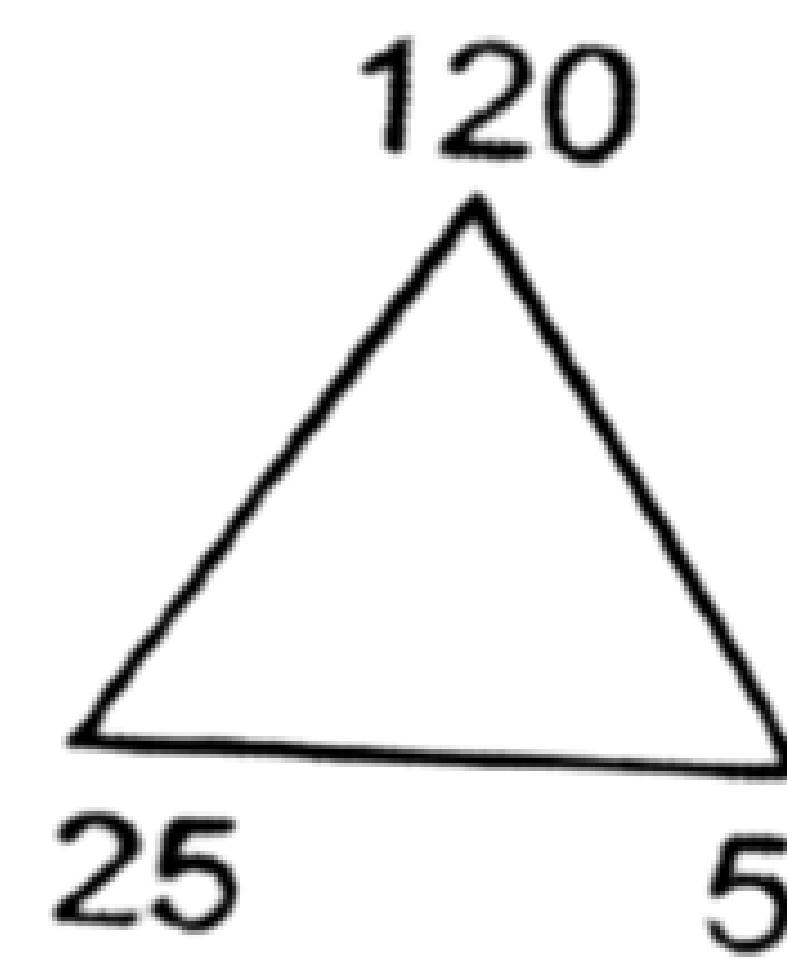
[A] 11

[B] 16

[C] 12

[D] 14





[A] 13

[B] 11

[C] 21

[D] 23

11	17	8
5	3	15
3	7	?
361	729	1225

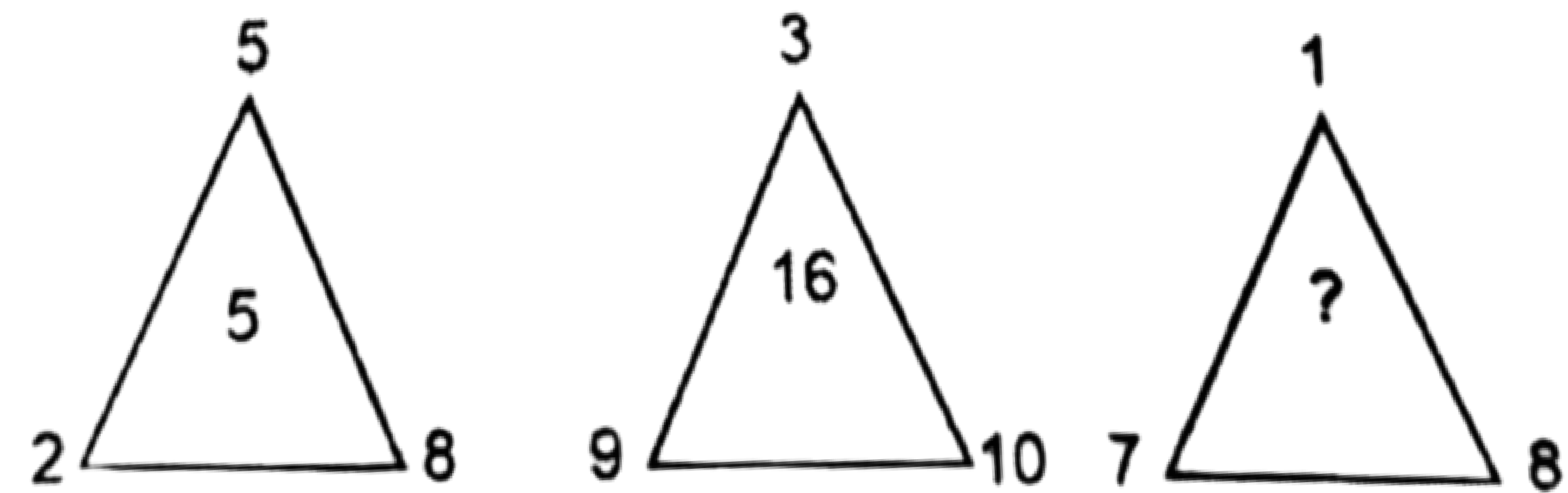
[A] 22

[B] 25

[C] 12

[D] 21





[A] 11

[B] 5

[C] 14

[D] 16

50	48	30
56	32	40
350	192	?

[A] 150

[B] 145

[C] 180

[D] 140



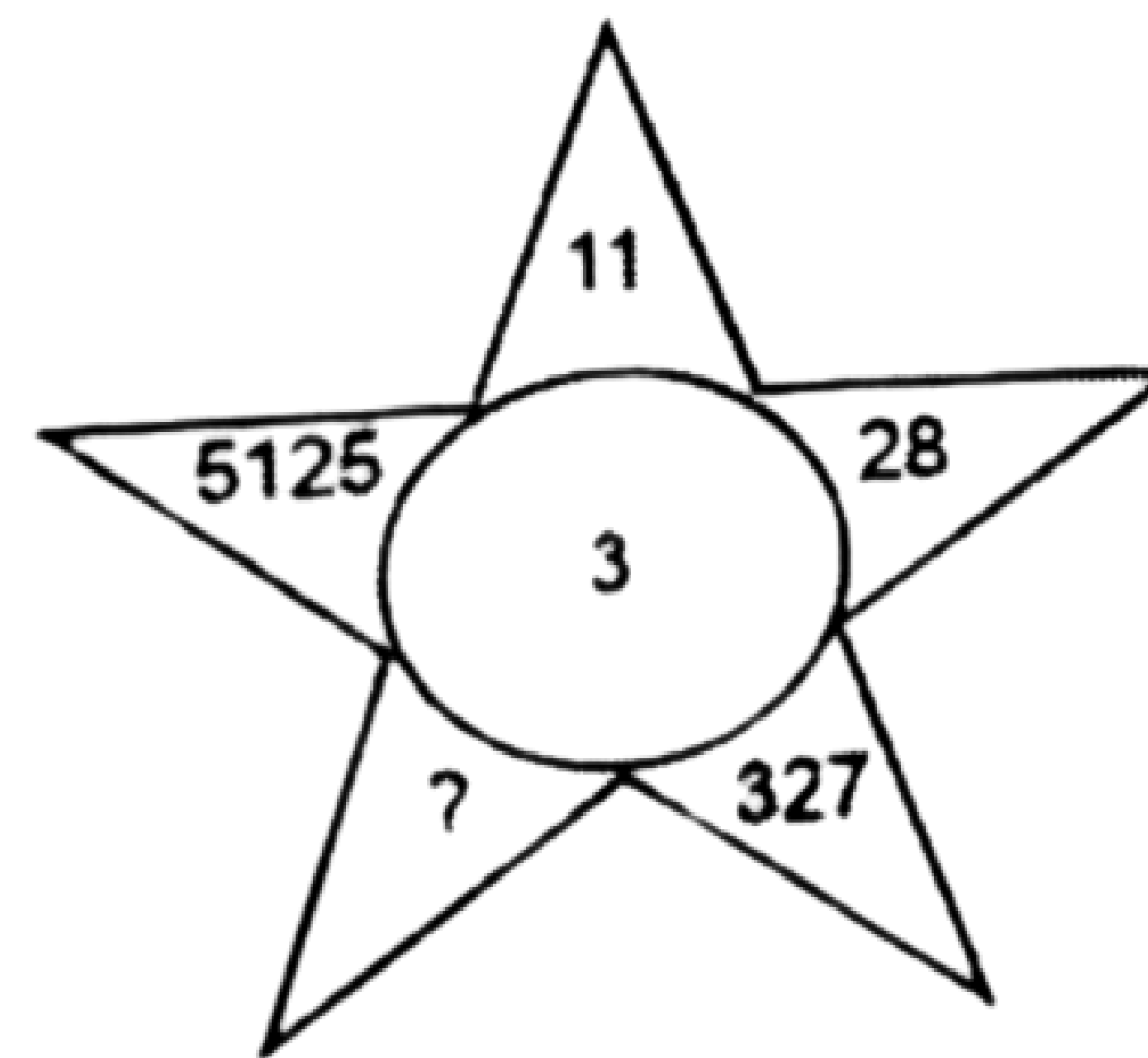
29	71	67
8	11	14
4	7	?
3	6	3

[A] 4

[B] 6

[C] 5

[D] 3



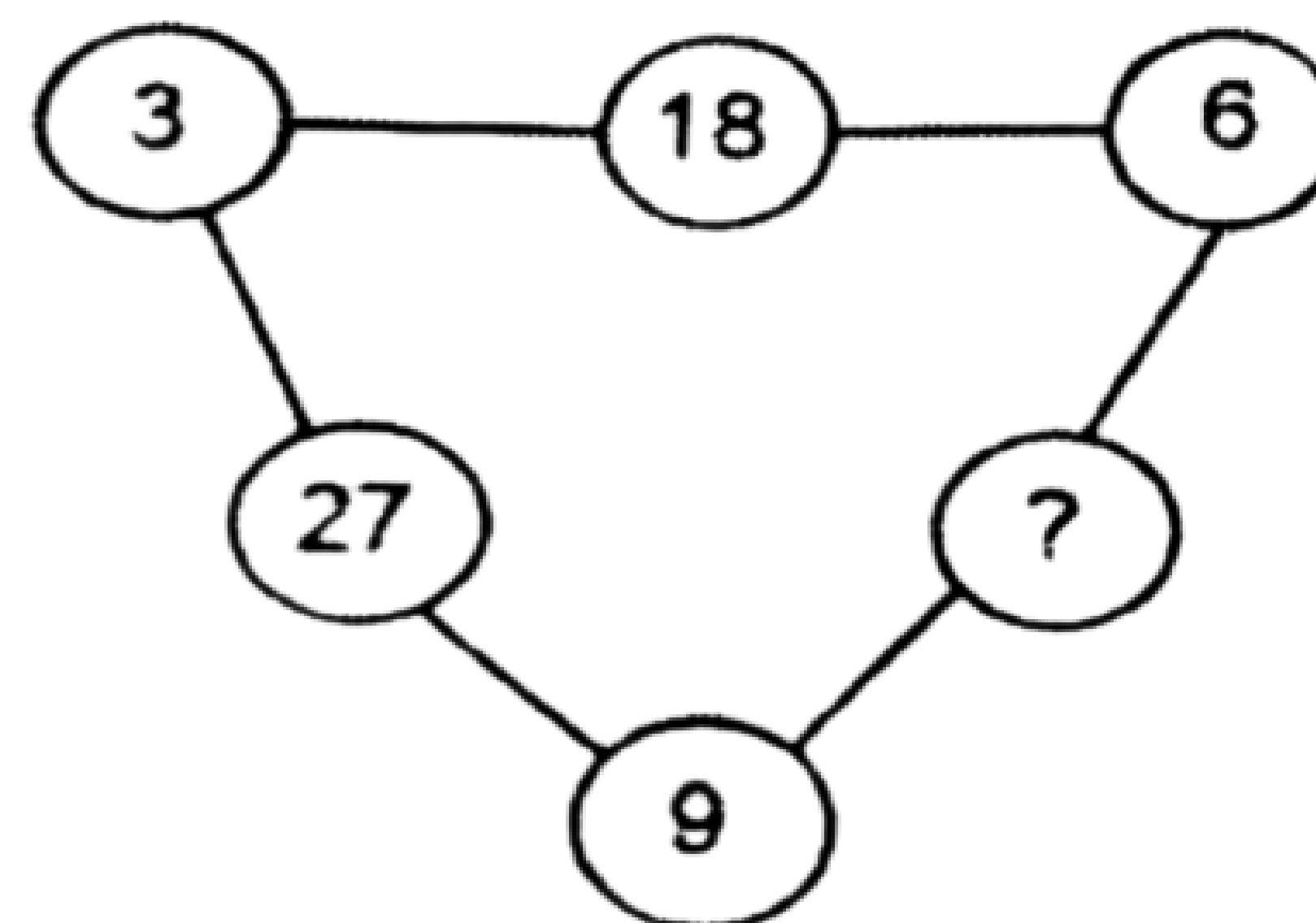
[A] 446

[B] 464

[C] 4126

[D] 444





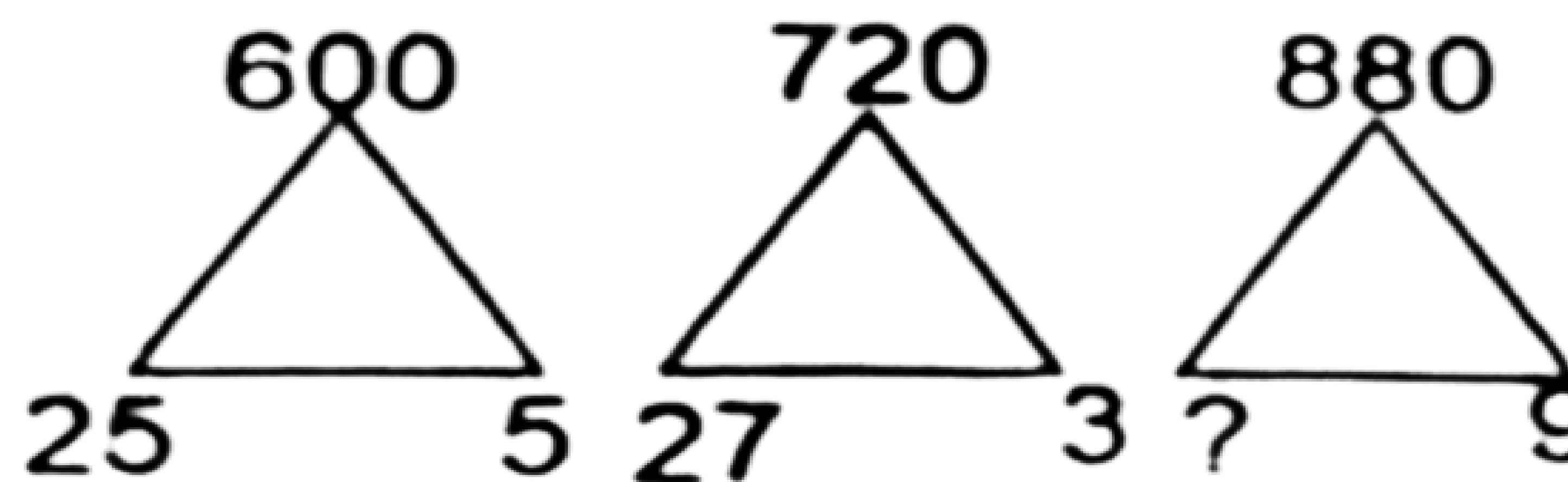
[A] 54

[B] 18

[C] 38

[D] 29





[A] 31

[B] 21

[C] 23

[D] 17

5	6	19
7	7	35
8	9	?

[A] 65

[B] 35

[C] 45

[D] 55



9	34	72
7	26	56
23	90	?

[A] 184

[B] 148

[C] 146

[D] 164



6	18	42
5	15	?
7	36	61

[A] 30

[B] 53

[C] 25

[D] 45



9	14	7
130	135	168
13	9	?

[A] 11

[B] 15

[C] 21

[D] 19

26	25	?
4 6	7 1	5 3

[A] 17

[B] 24

[C] 19

[D] 22



69, 87, = 39

93, 95 = 47

52, 64 = ?

[A] 29

[B] 37

[C] 45

[D] 53



In each of the given number-clusters, the number on the right side of '=' (the equal to sign) is calculated by performing certain mathematical operations on the four numbers on the left of = (the equal to sign). All three number-clusters follow the same pattern. Select the number from among the given options that can replace the question mark (?) in the third number-cluster.

दिए गए प्रत्येक संख्या-समूह में, '=' (चिह्न के बराबर) के दाईं ओर की संख्या की गणना = (चिह्न के बराबर) के बाईं ओर की चार संख्याओं पर कुछ गणितीय परिचालन करके की जाती है। सभी तीन संख्या-समूह एक ही पैटर्न का अनुसरण करते हैं। दिए गए विकल्पों में से उस संख्या का चयन करें जो तीसरे संख्या-समूह में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।

$$12, 4, 37, 25 = 4$$

$$2, 36, 87, 51 = 2$$

$$18, 3, 58, 49 = ?$$

[A] 5

[C] 8

[B] 6

[D] 7

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

दिए गए पैटर्न का ध्यानपूर्वक अध्ययन करें और उस संख्या का चयन करें जो उसमें प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।

First row - 12, 7, 32

Second row - 17, 13, 33

Third row - 14, 8, ?

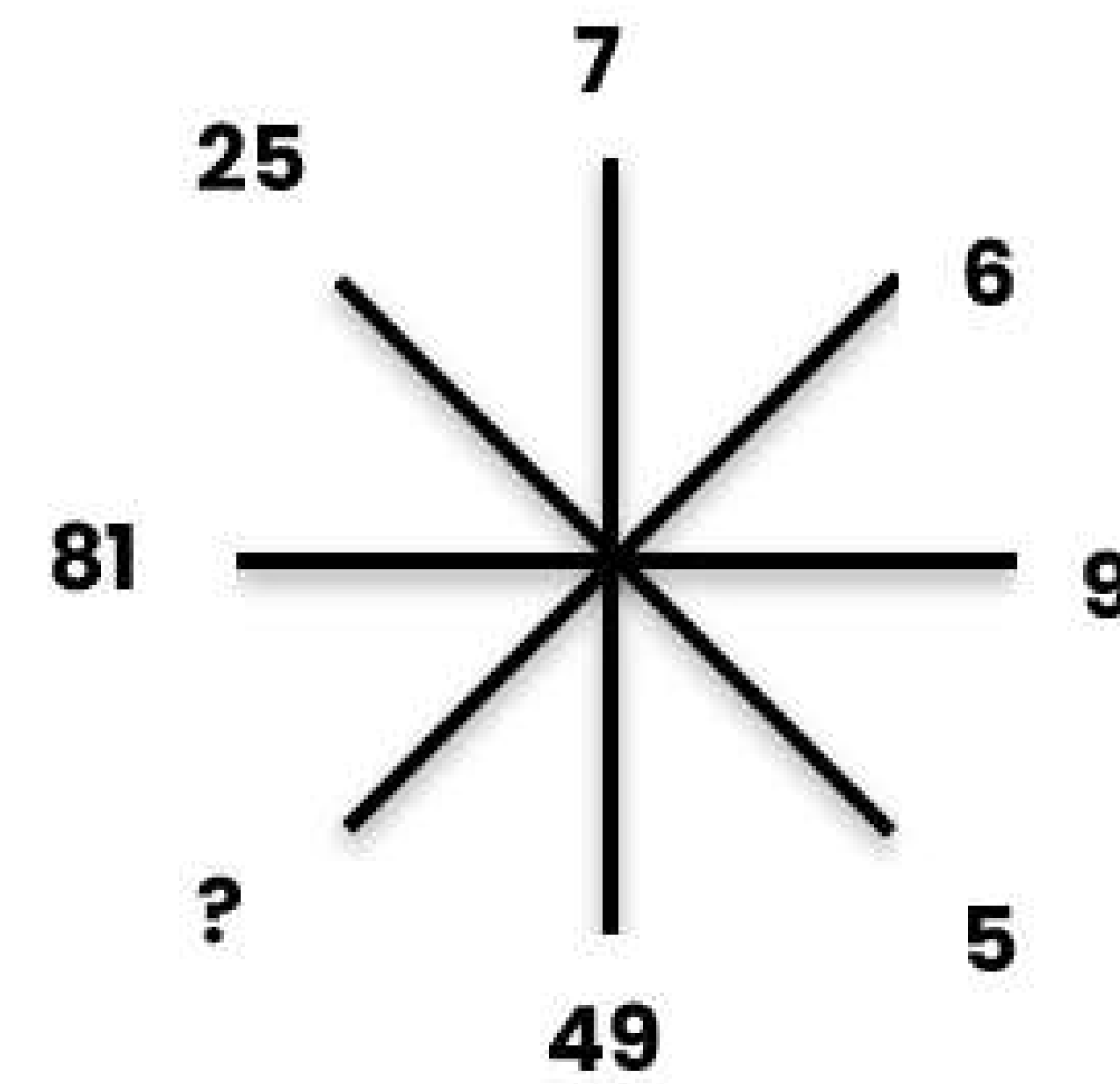
[A] 42

[B] 38

[C] 43

[D] 35





[A] 40

[B] 25

[C] 50

[D] 36



The represents a set of calculations that are common across all the given equations. Identify the calculations involved and solve the third equation on the same basis:

यह गणनाओं के एक सेट का प्रतिनिधित्व करता है जो दिए गए सभी समीकरणों में सामान्य है। इसमें शामिल गणनाओं को पहचानें और उसी आधार पर तीसरे समीकरण को हल करें:

$$25 \text{ } 36 = 5:6;11$$

$$100 \text{ } 64 = 10;8;18$$

$$36 \text{ } 81 = ? ; ? ; ?$$

[A] 9;9;117

[C] 4; 11; 18

[B] 10; 6;4

[D] 6; 9; 15



3	5
2	38

4	5
1	42

6	7
2	89

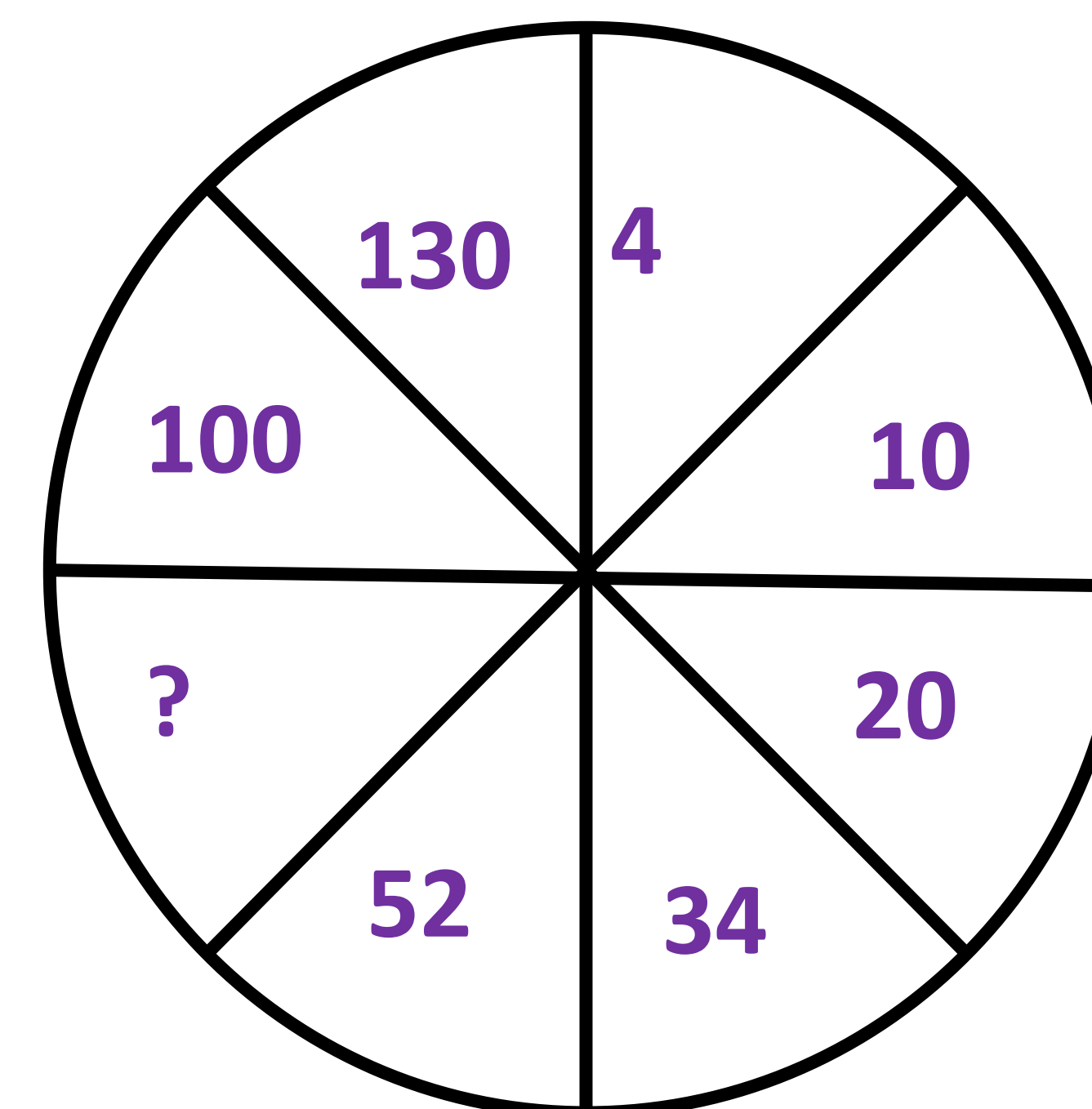
3	4
7	?

[A] 31

[B] 14

[C] 74

[D] 84



[A] 64

[B] 96

[C] 82

[D] 74

3	30	84
2	10	18
4	?	260

[A] 64

[B] 60

[C] 16

[D] 68



3	4	9	17
7	2	5	15
6	8	3	?

[A] 18

[B] 20

[C] 16

[D] 28

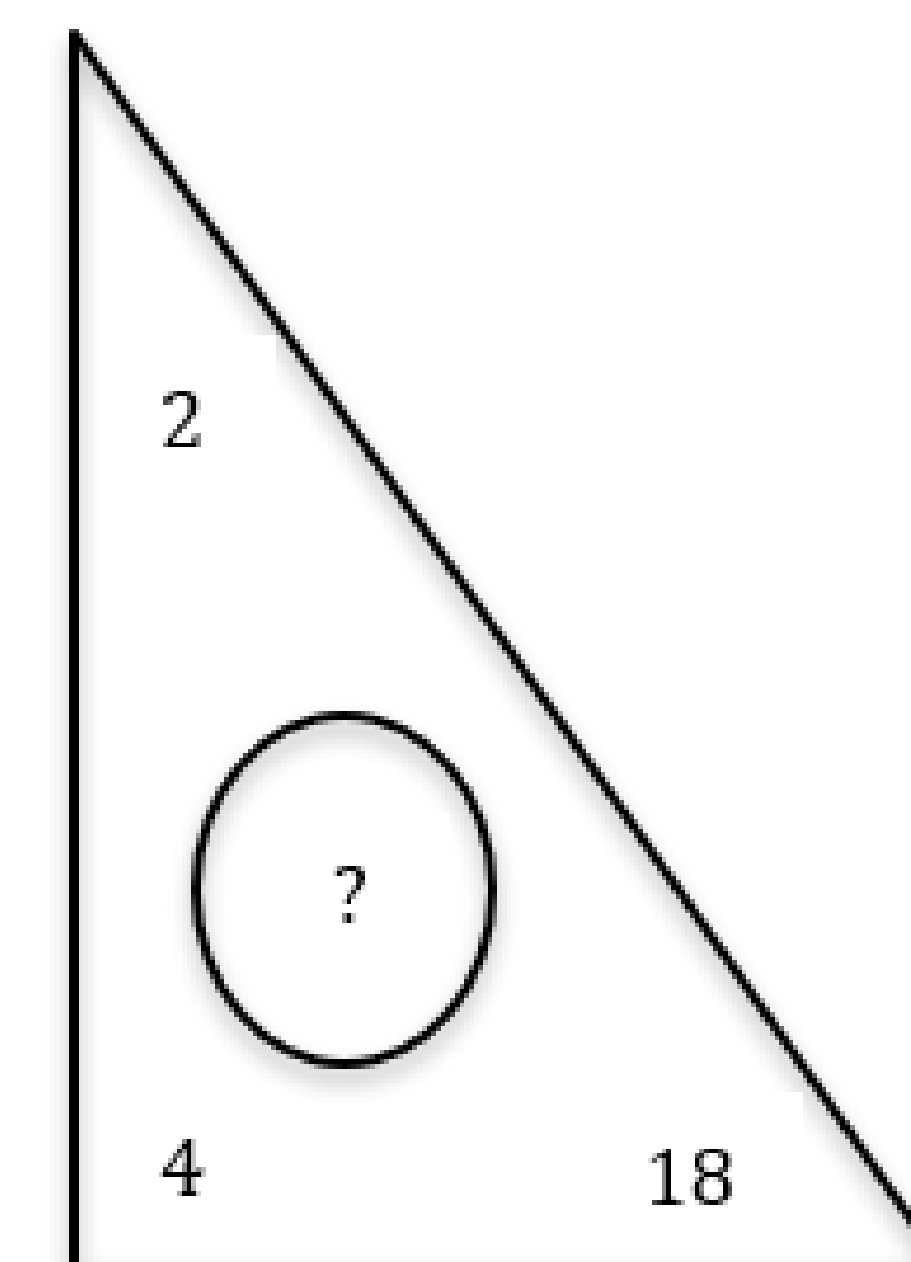
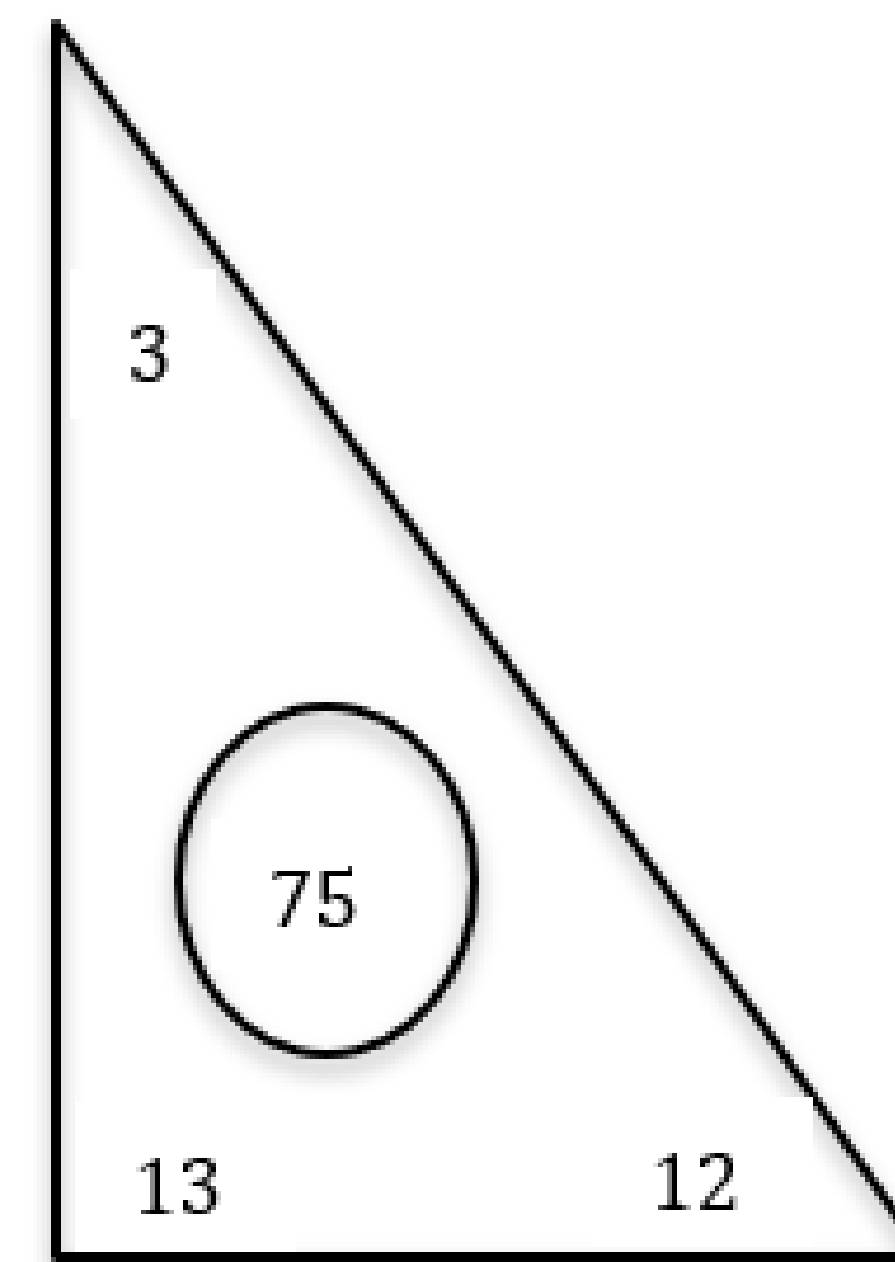
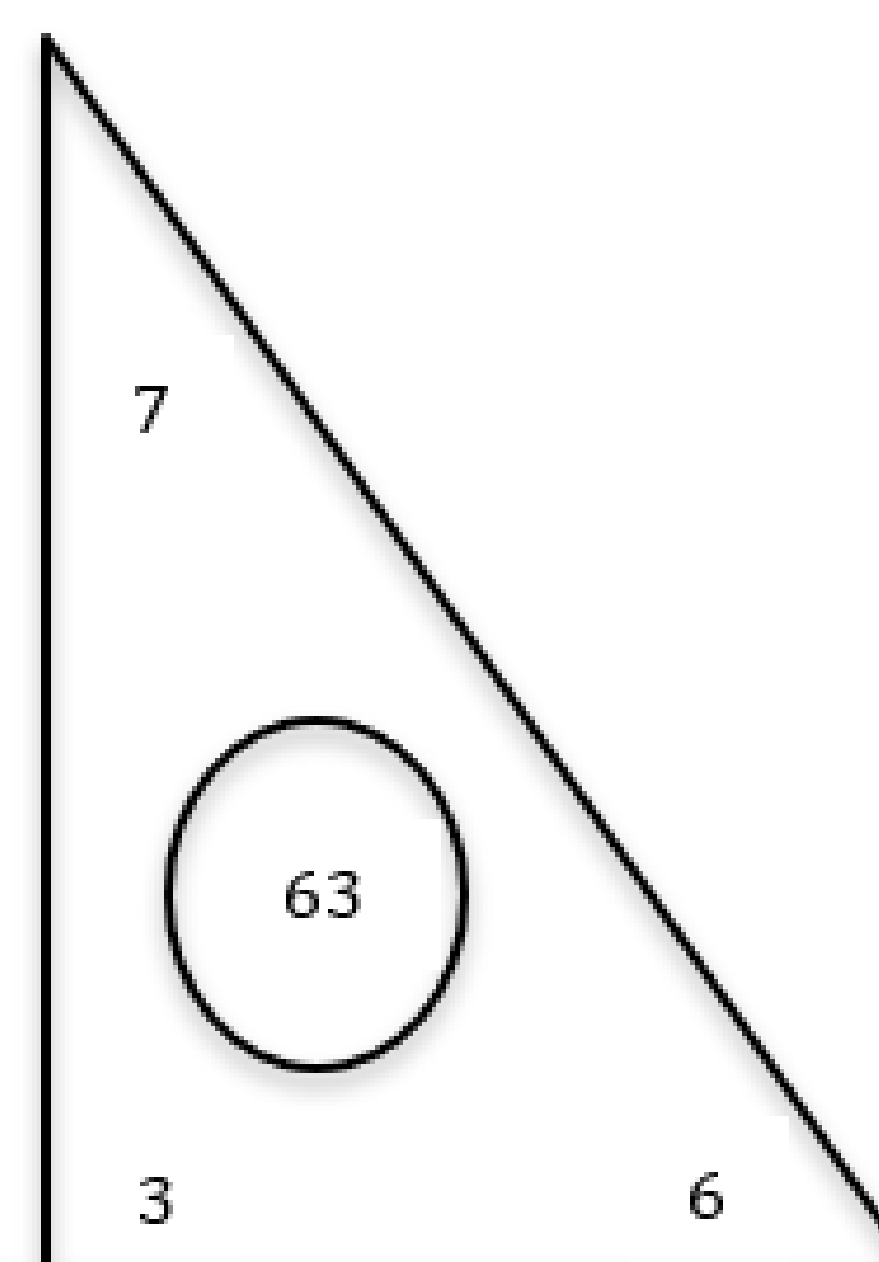
3	4	7
6	4	2
3	2	5
15	12	?

[A] 41

[B] 43

[C] 37

[D] 31

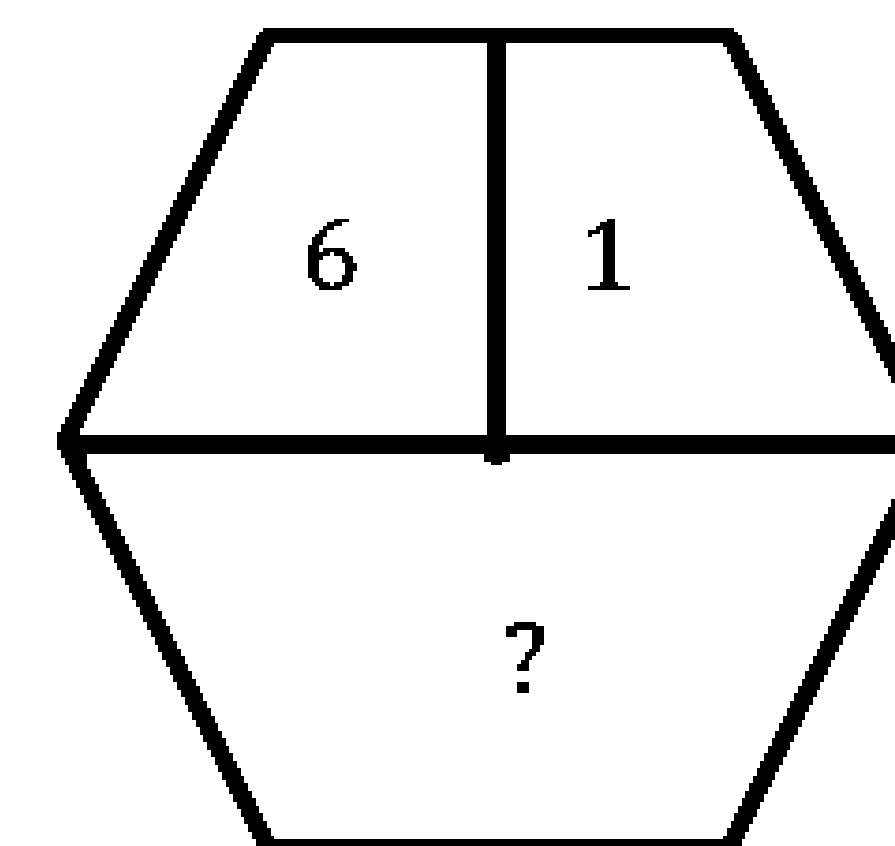
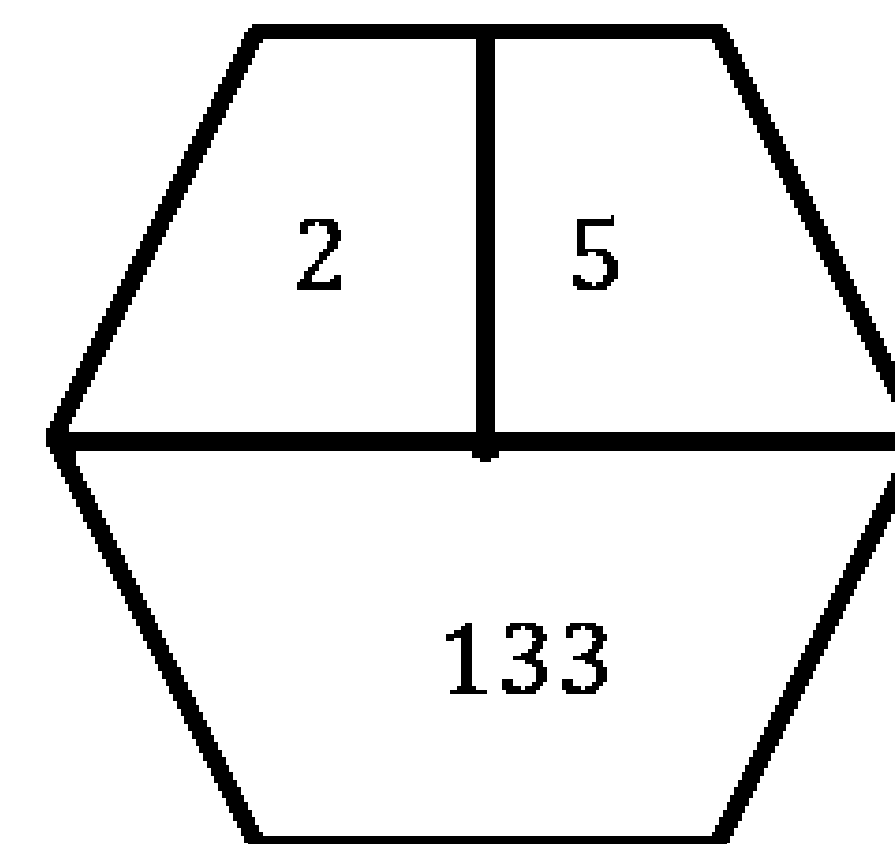
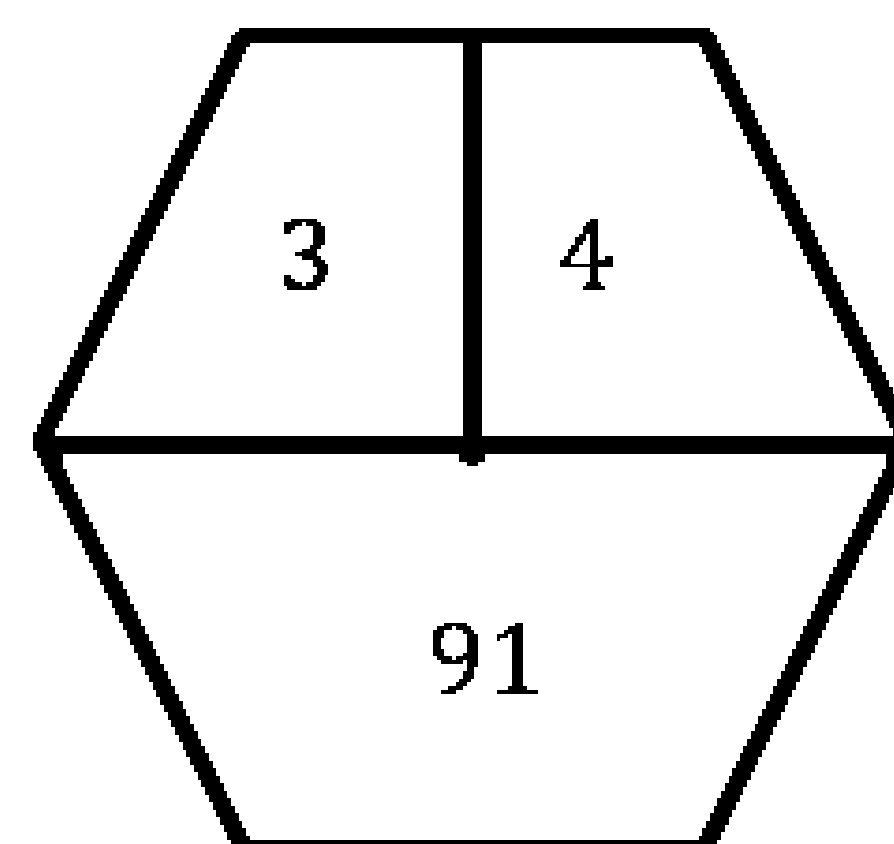


[A] 144

[B] 22

[C] 44

[D] 87

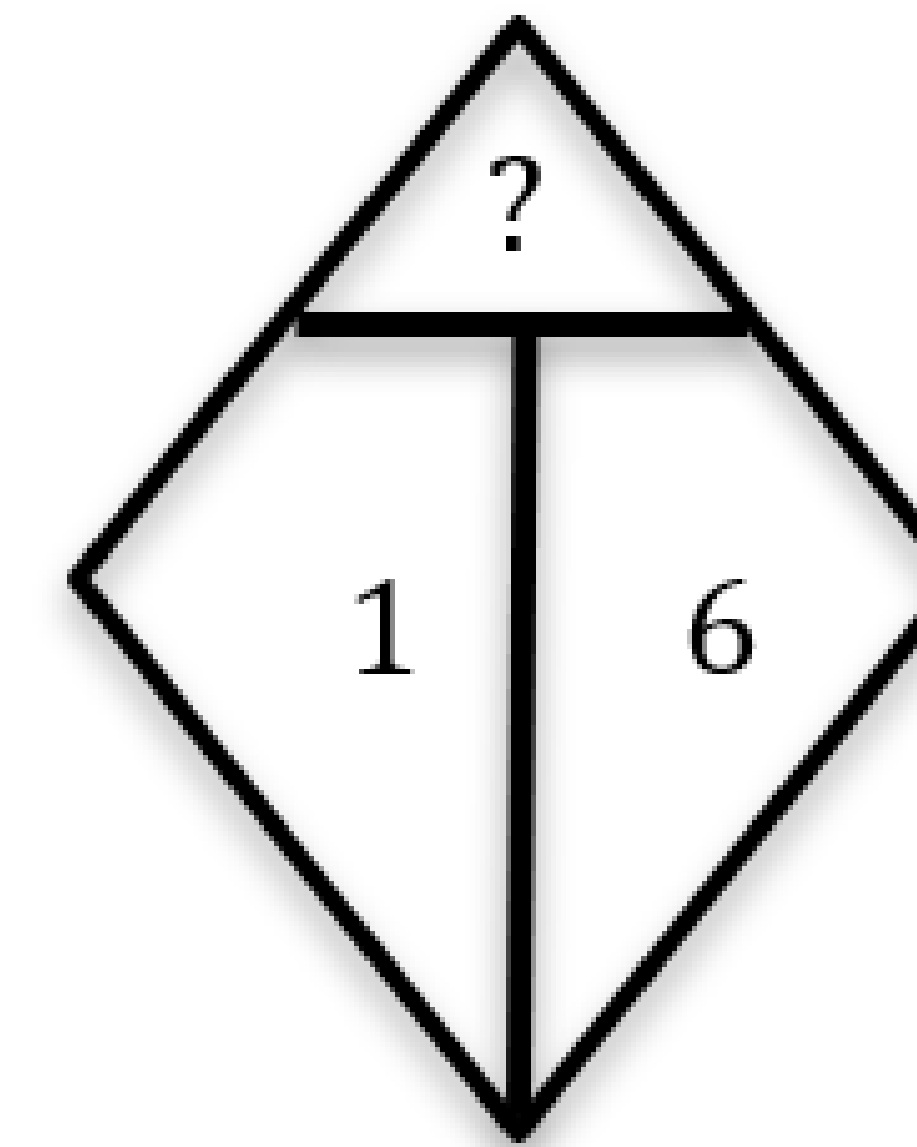
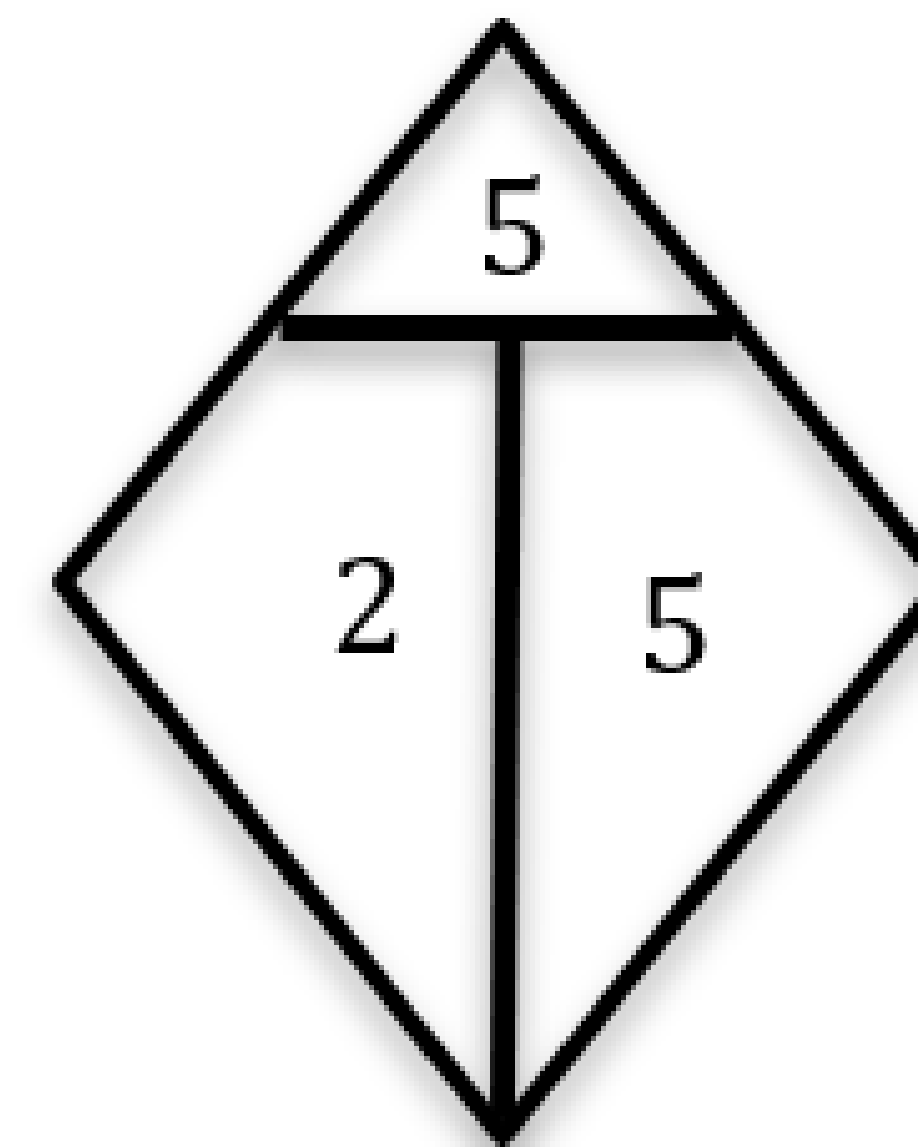
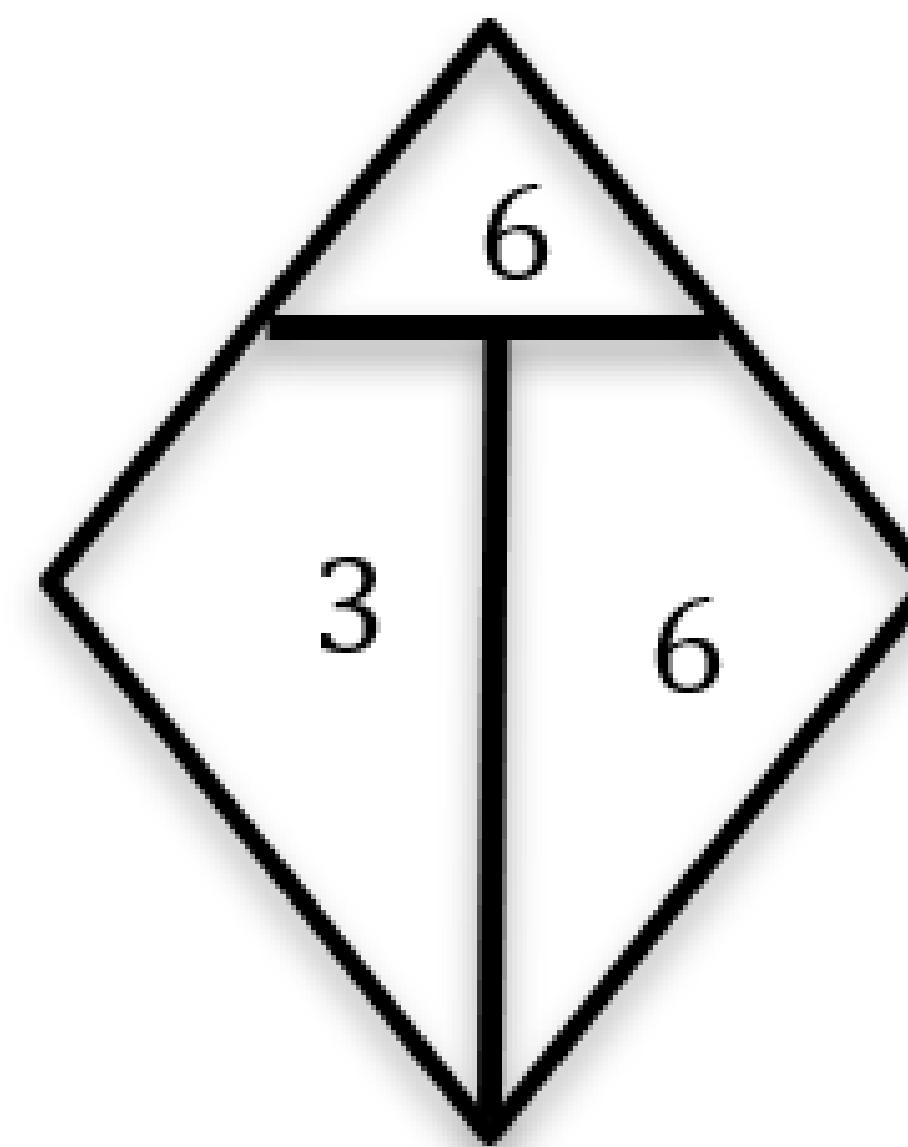


[A] 217

[C] 200

[B] 191

[D] 167

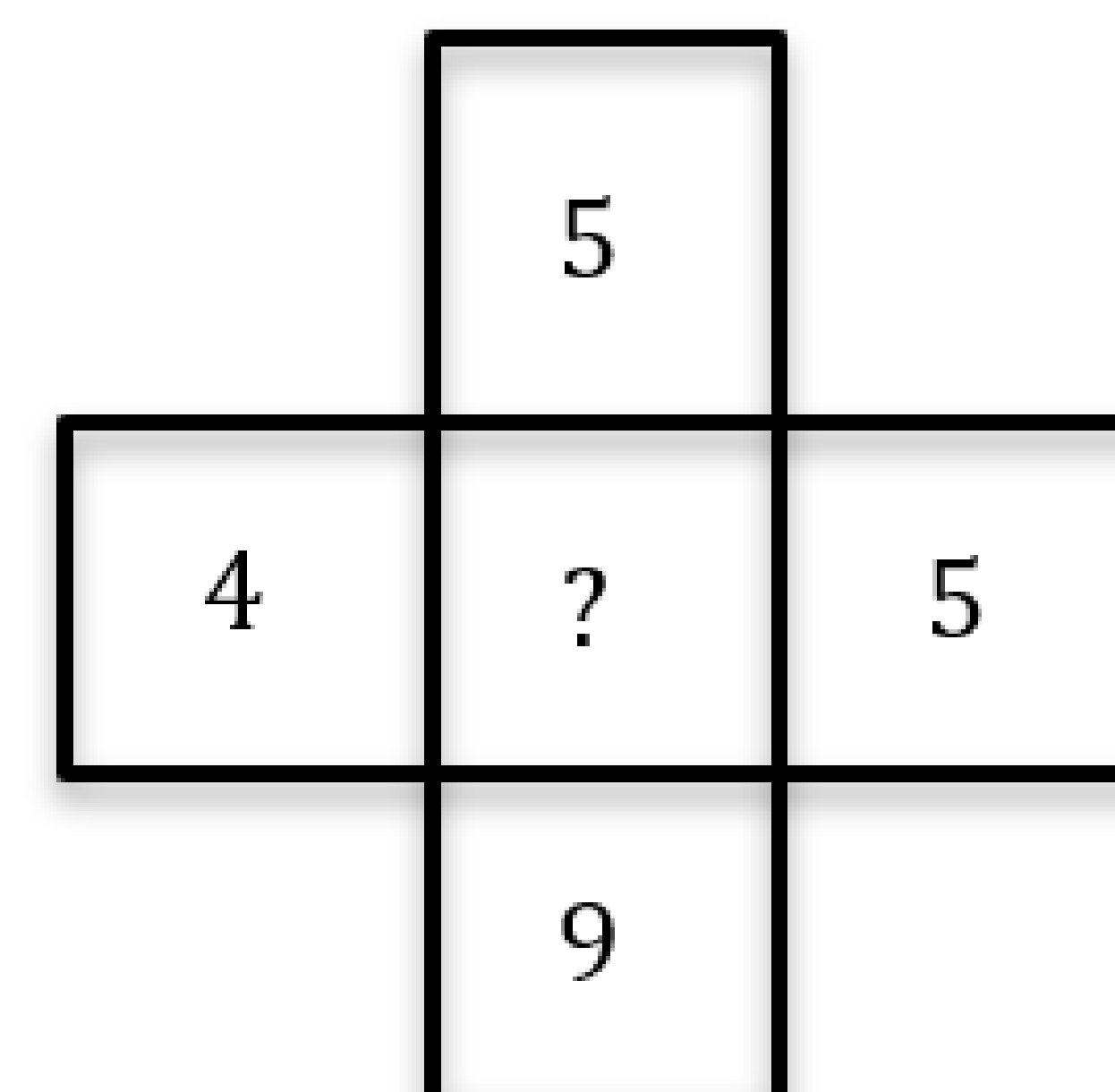
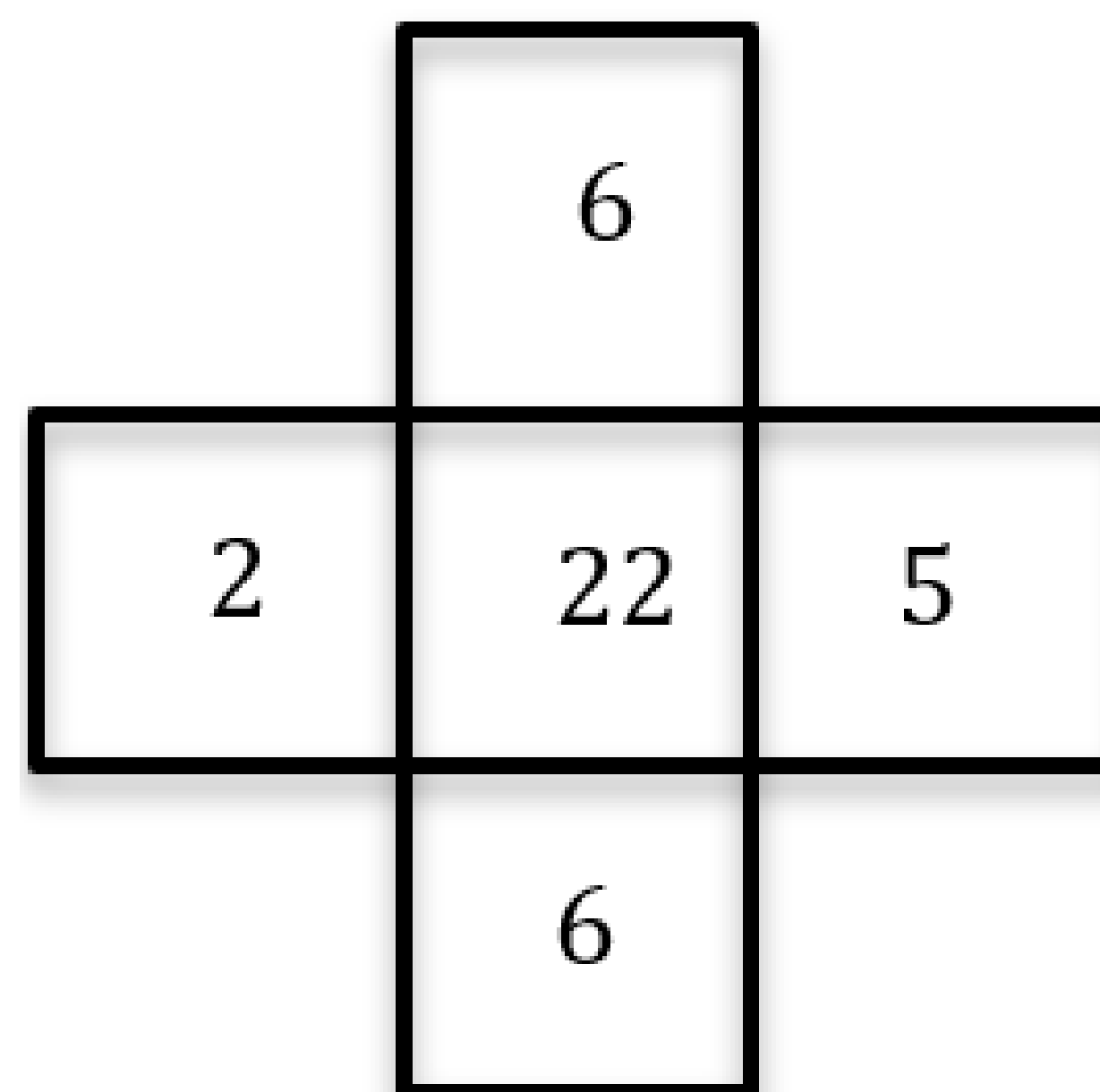


[A] 2

[B] 3

[C] 7

[D] 4



[A] 22

[B] 5

[C] 34

[D] 24



question

36

1

6	2
32	

2

9	6
45	

3

4	1
15	

4

8	6
?	

[A] 48

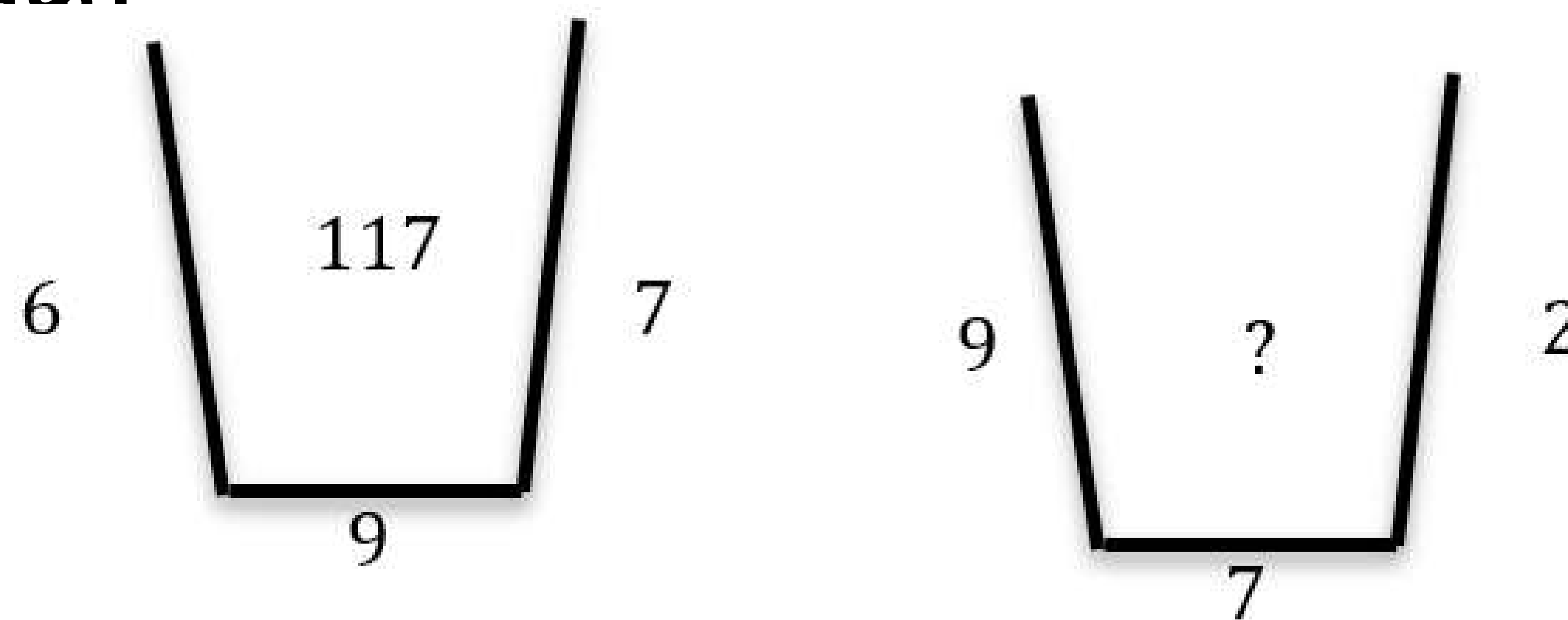
[B] 14

[C] 28

[D] 2

Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

दिए गए पैटर्न का ध्यानपूर्वक अध्ययन करें और दिए गए विकल्पों में से उस संख्या का चयन करें जो इसमें प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।

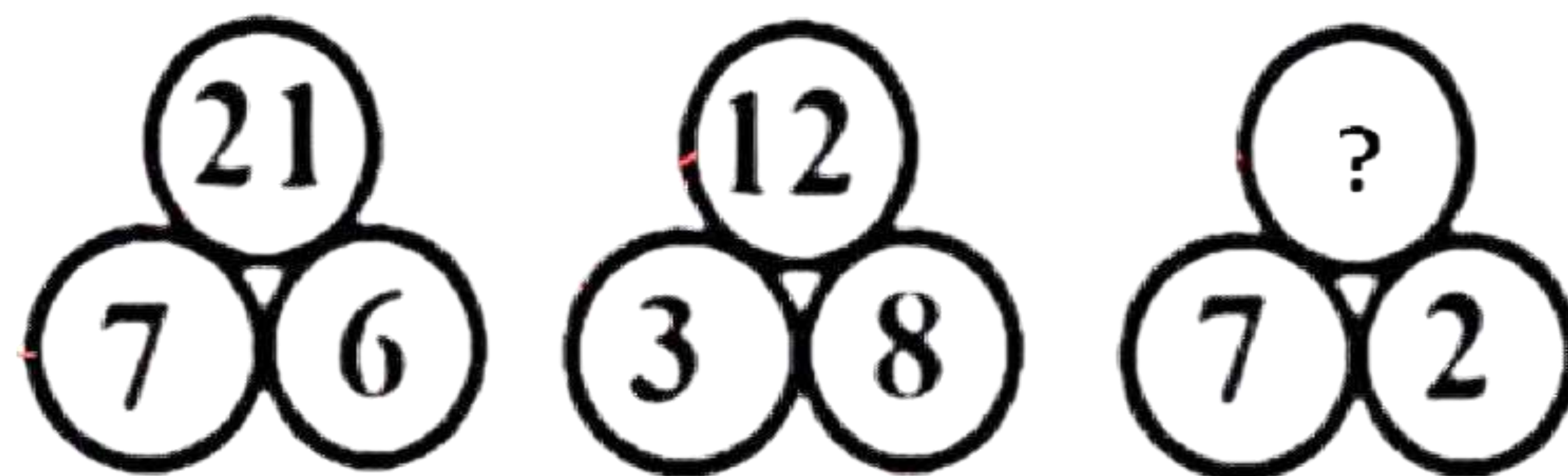


[A] 520

[B] 250

[C] 77

[D] 126



[A] 9

[B] 7

[C] 31

[D] 14

Study the given pattern carefully and select the number that can replace the question mark (?) in it.

दिए गए पैटर्न का ध्यानपूर्वक अध्ययन करें और उस संख्या का चयन करें जो इसमें प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।

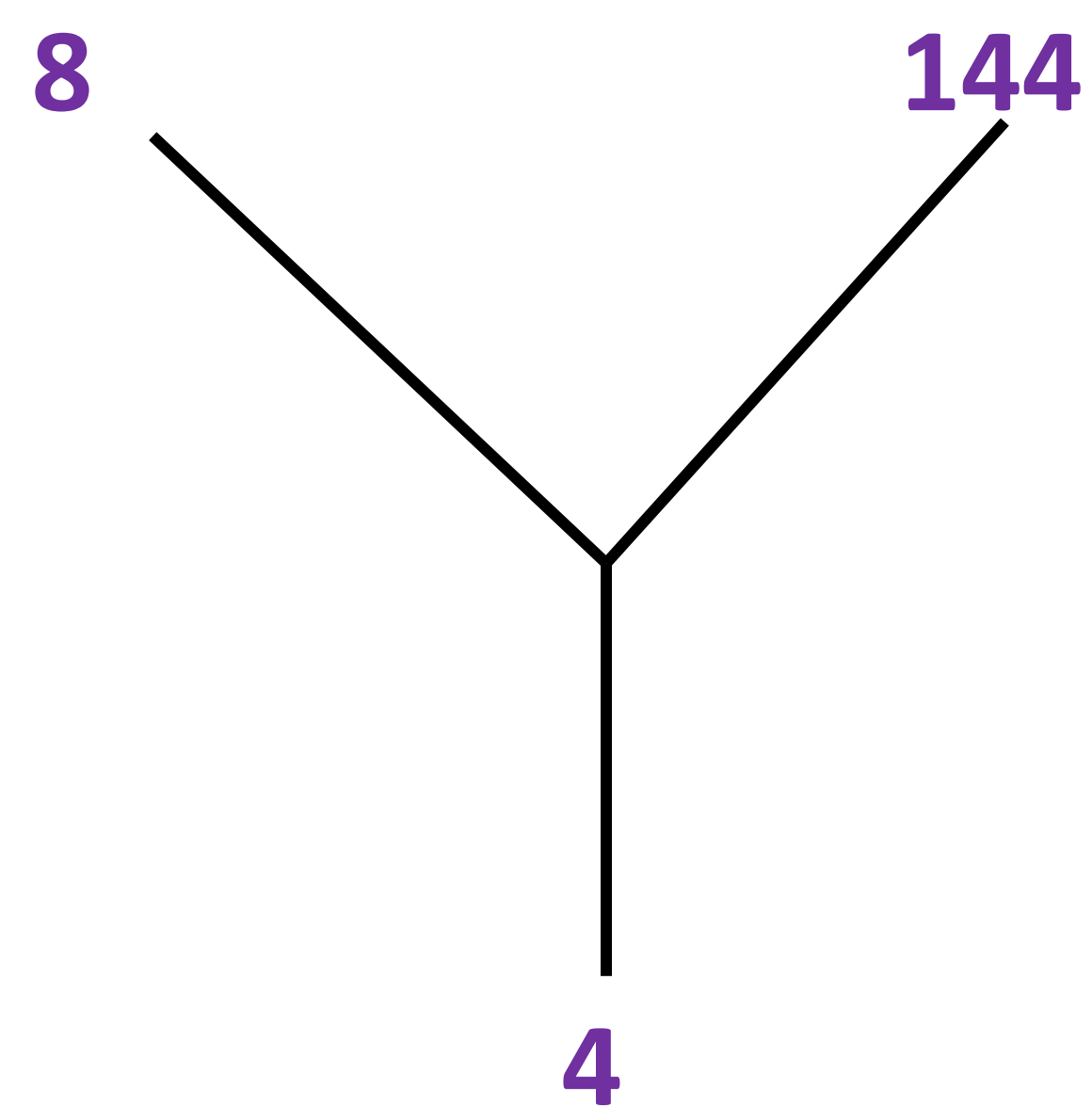
15	10	5	20
27	11	8	30
45	10	15	?

[A] 10

[C] 40

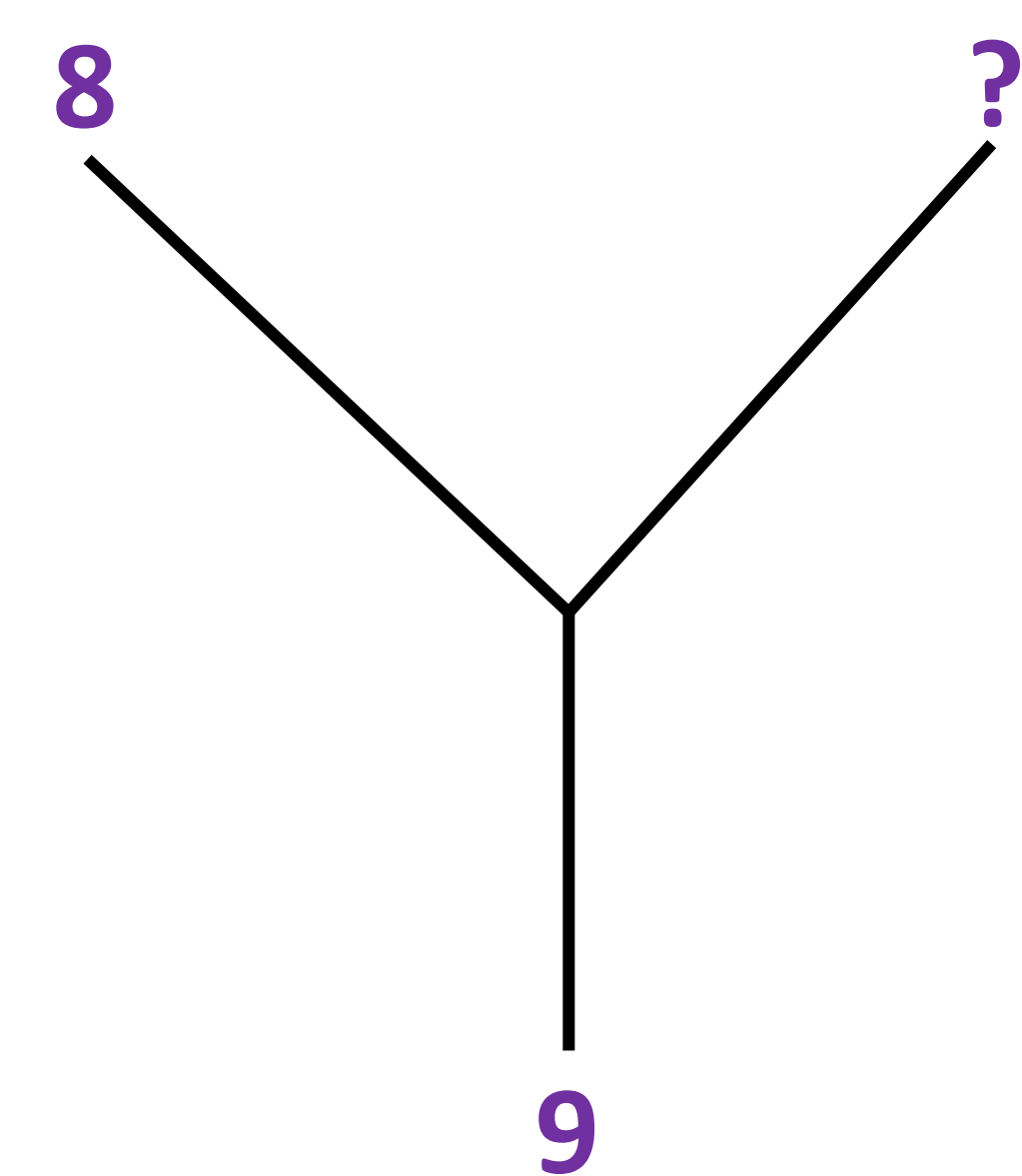
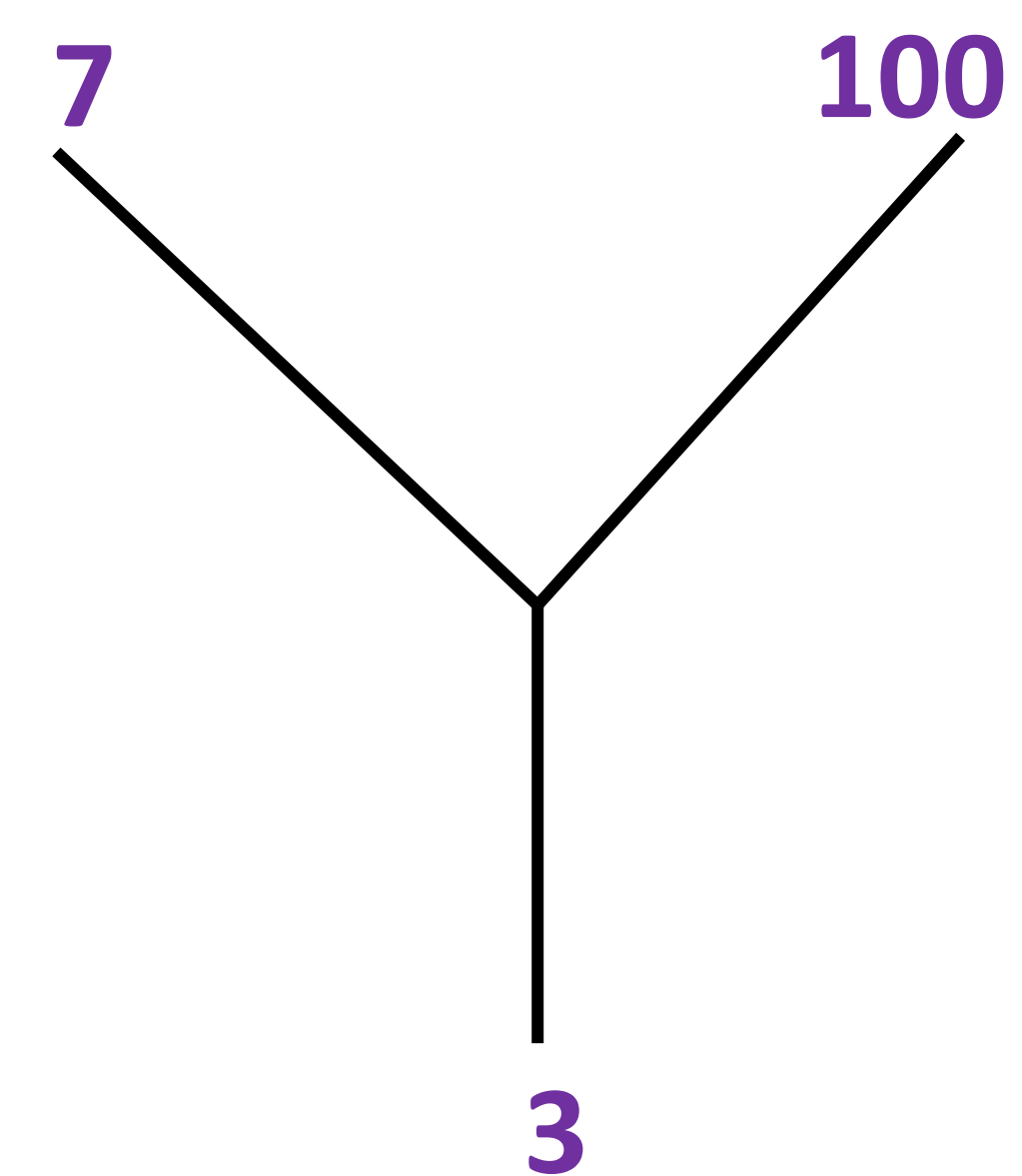
[B] 20

[D] 30



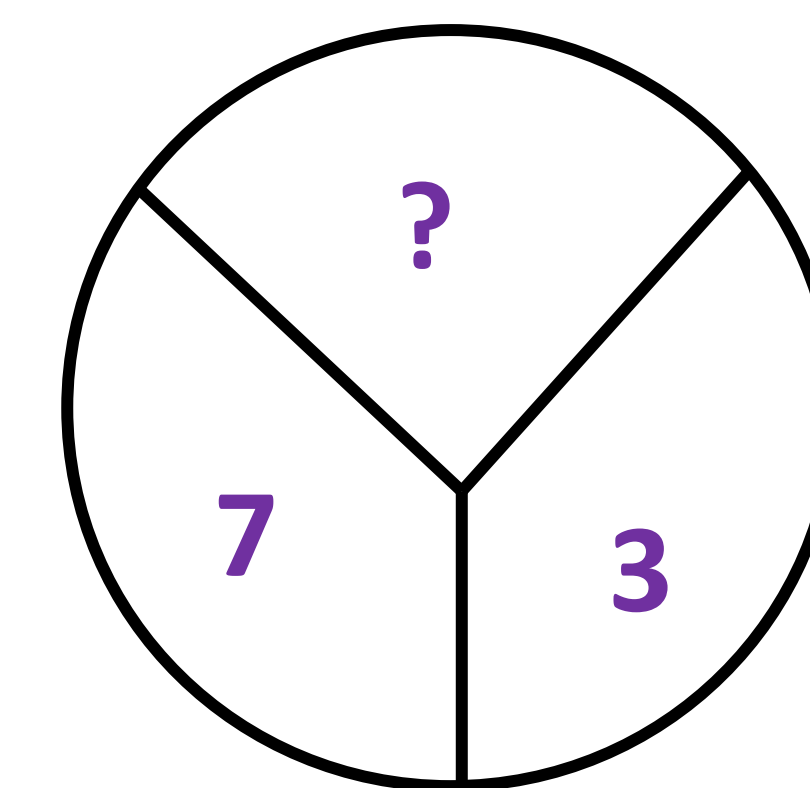
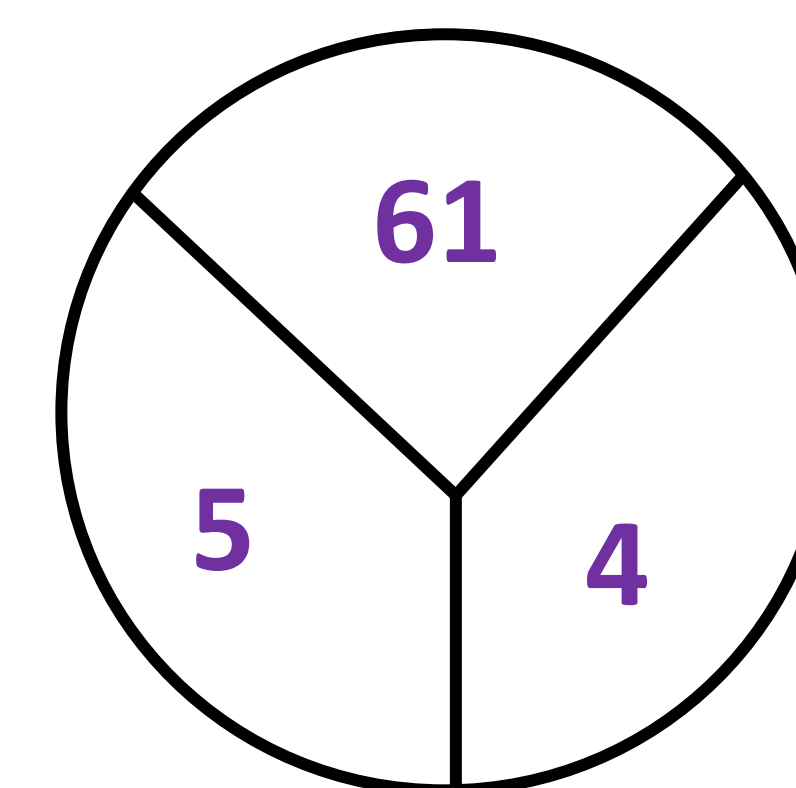
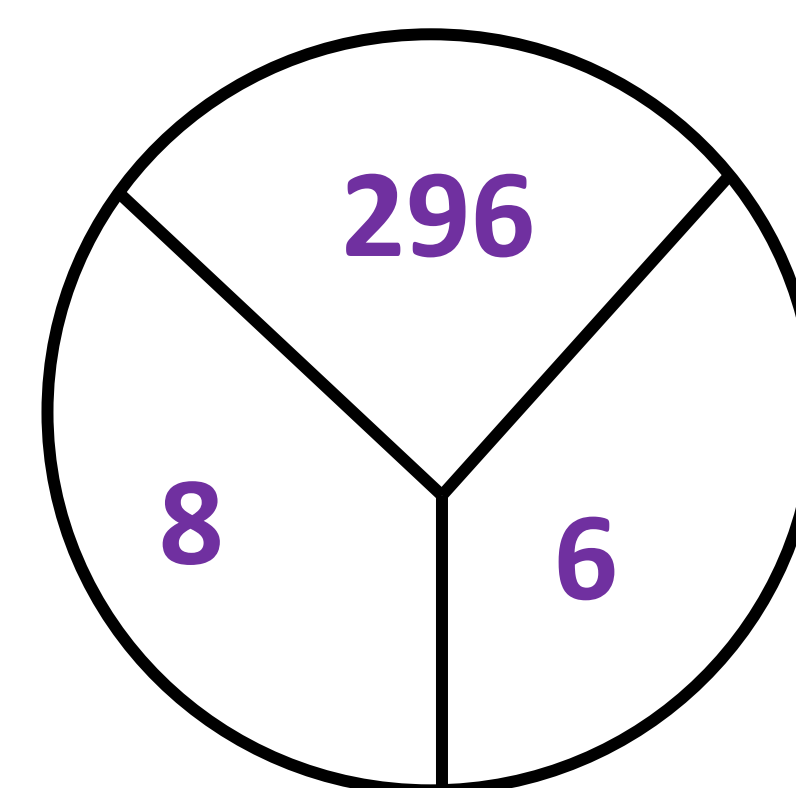
[A] 289

[C] 64



[B] 216

[D] 125

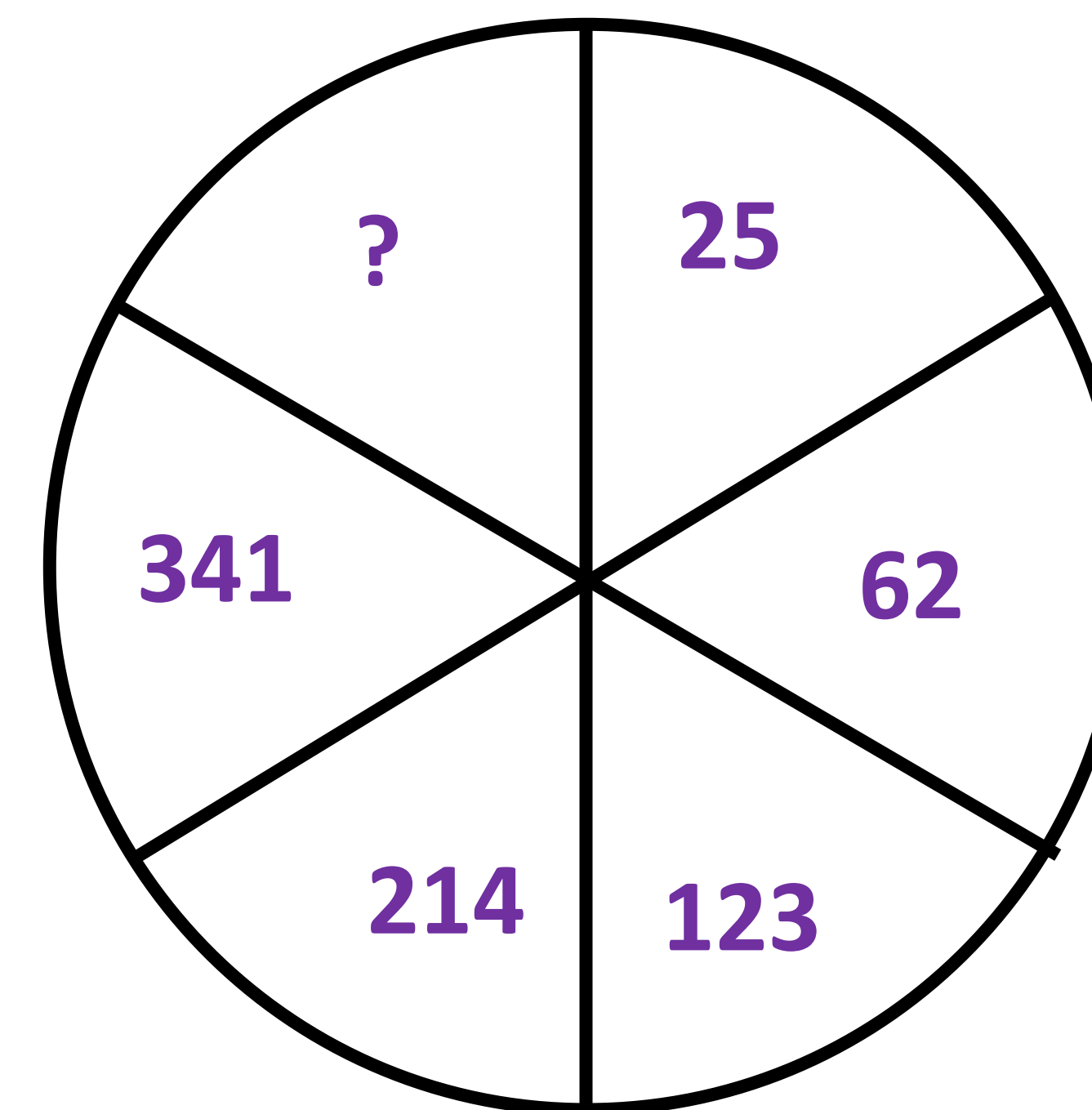


[A] 370

[B] 316

[C] 343

[D] 272

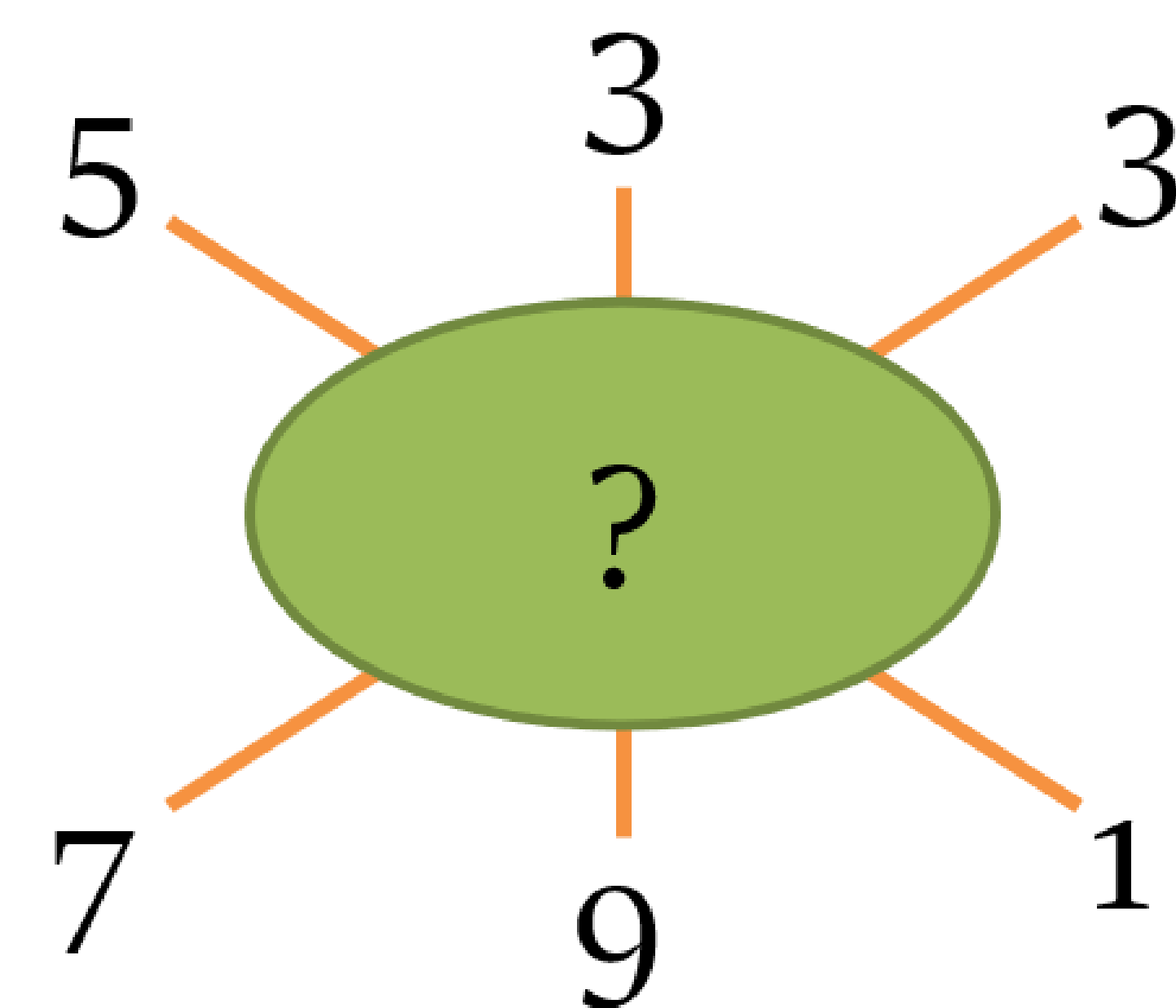
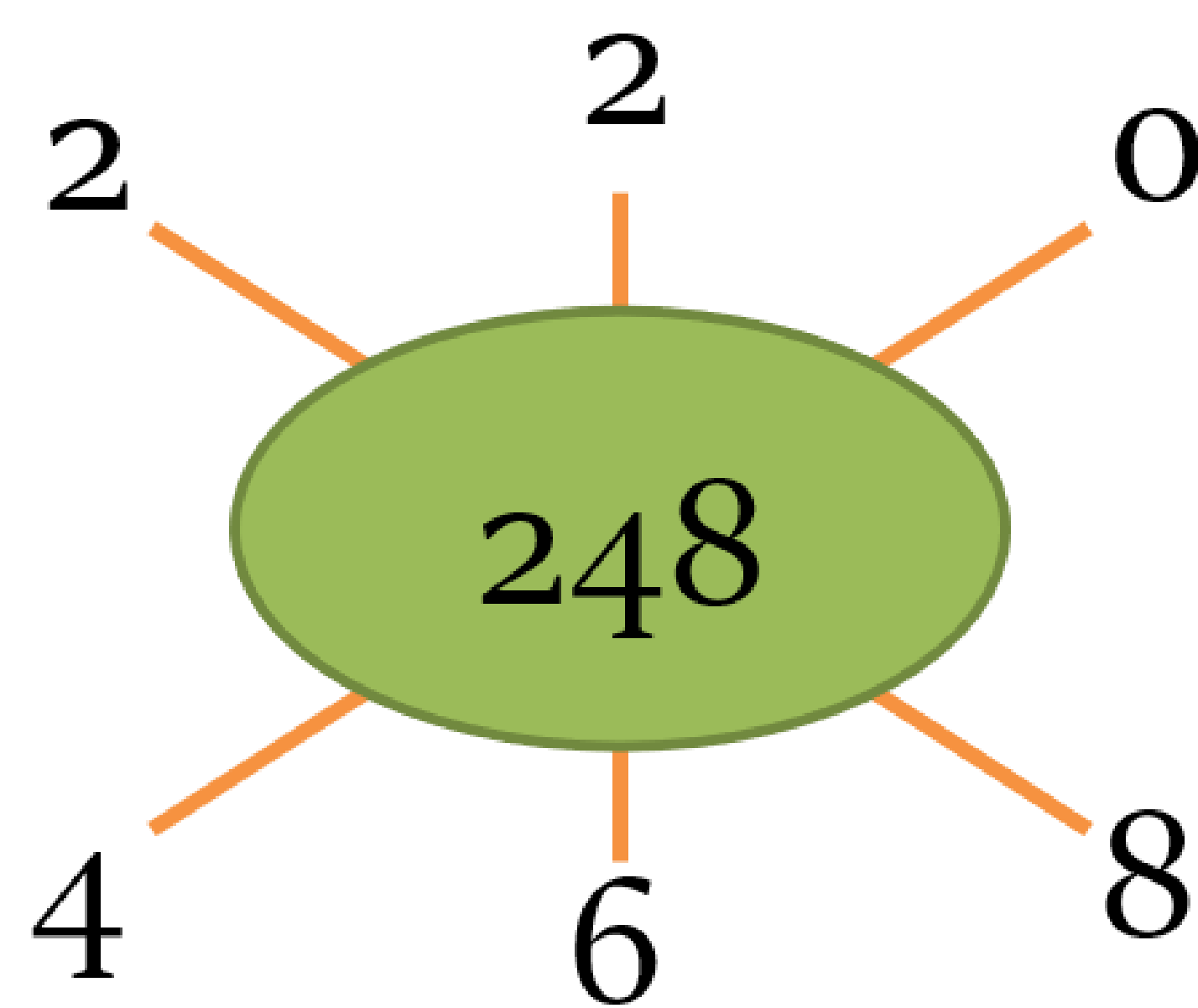
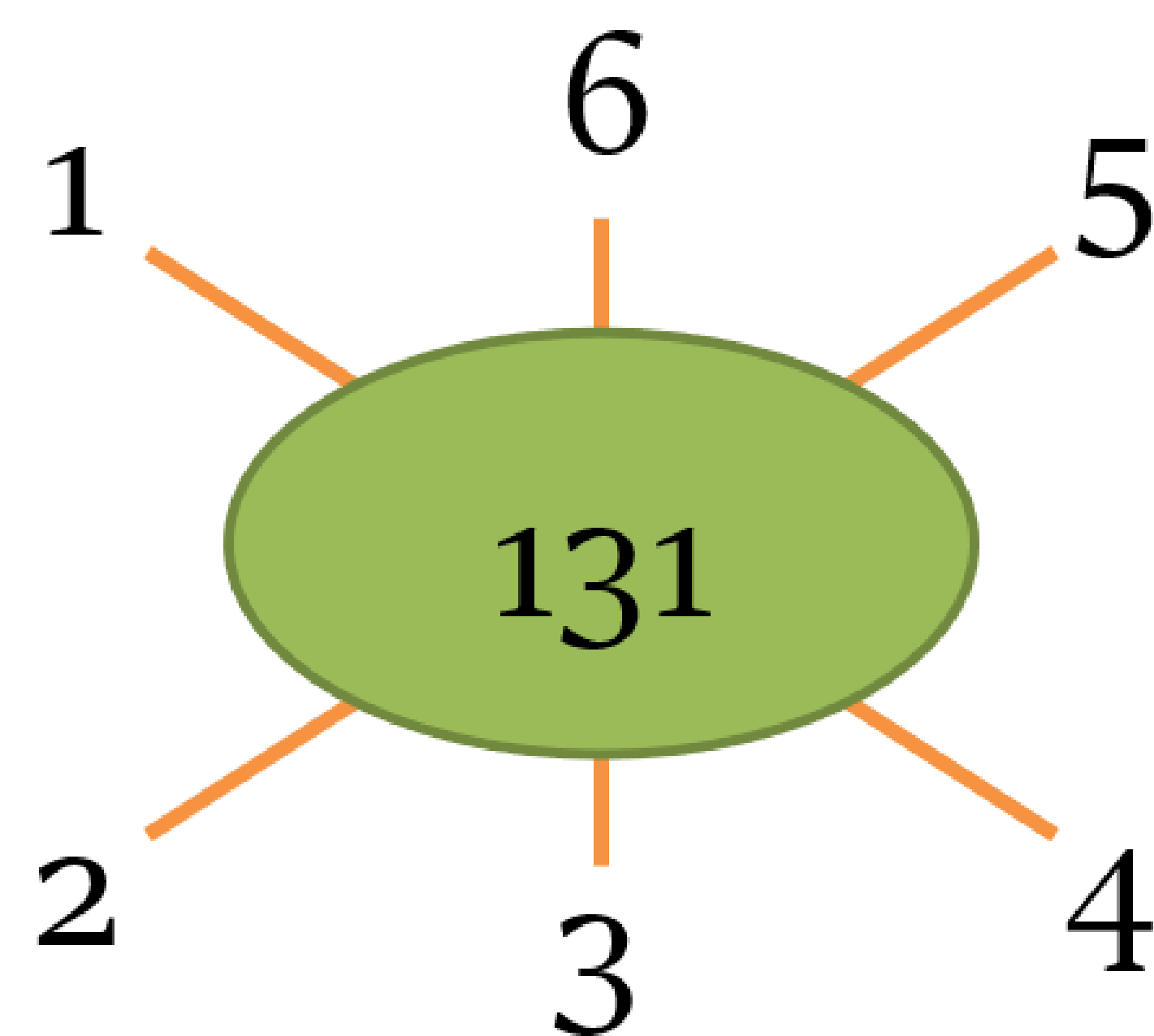


[A] 512

[B] 510

[C] 514

[D] 216

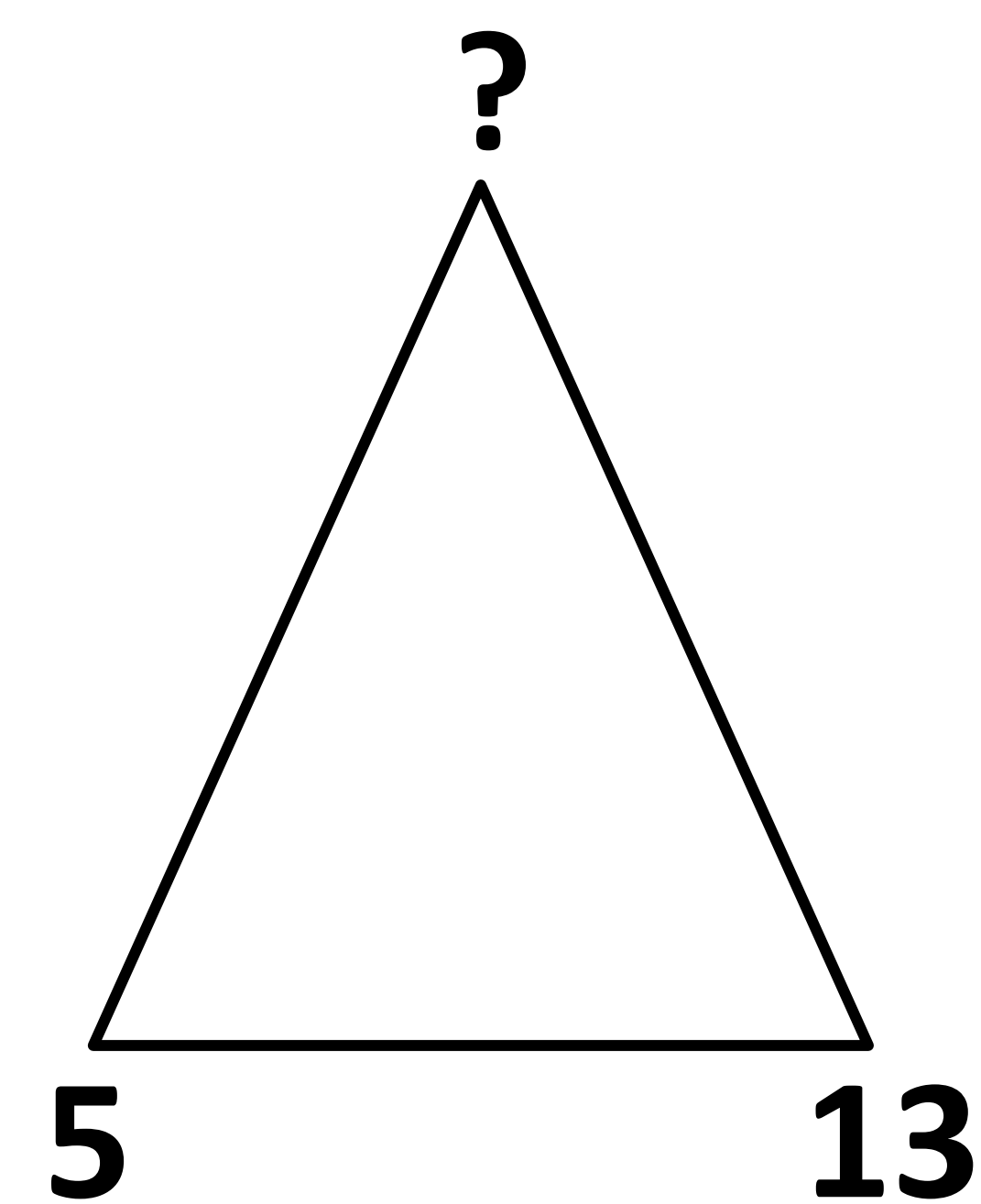
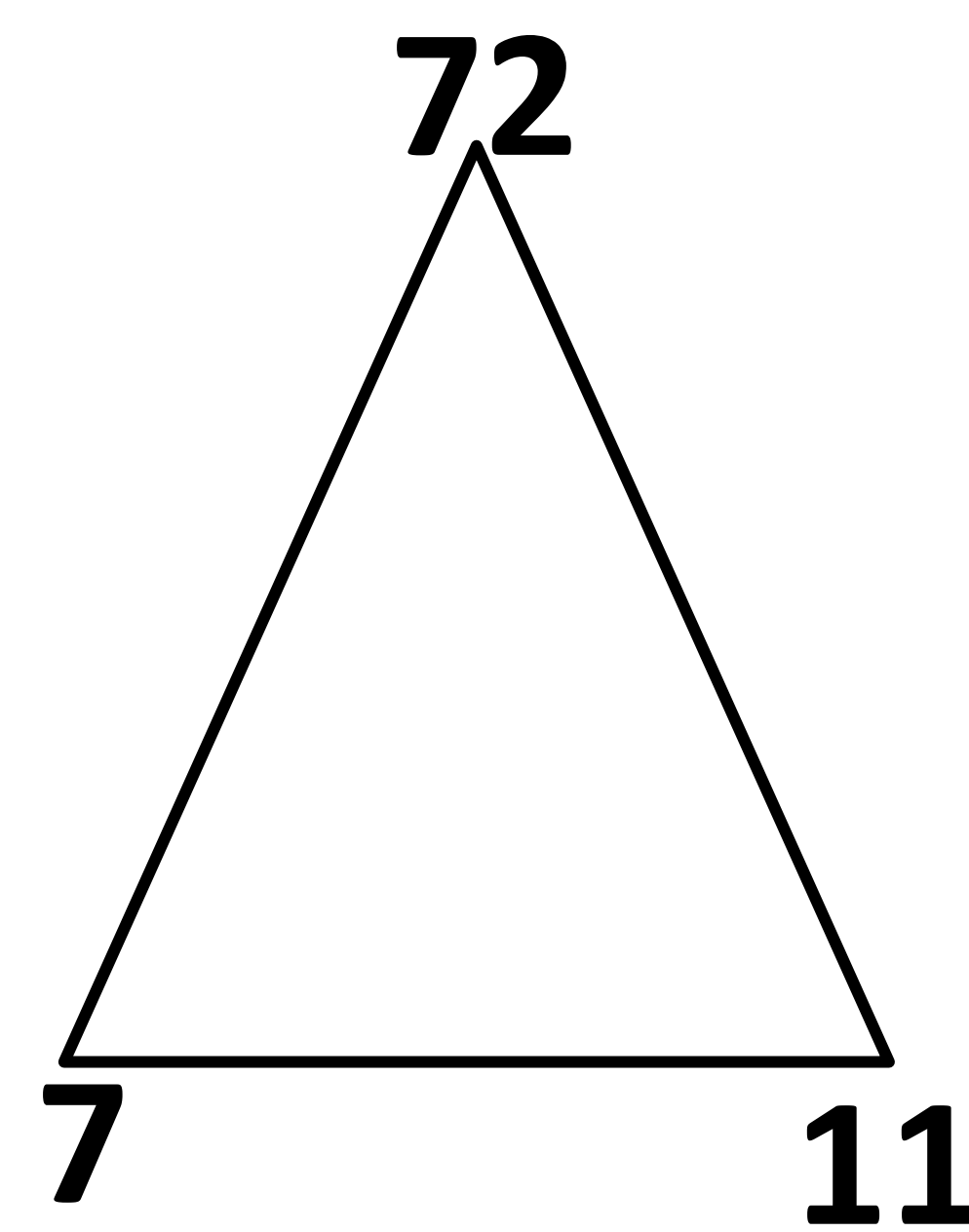
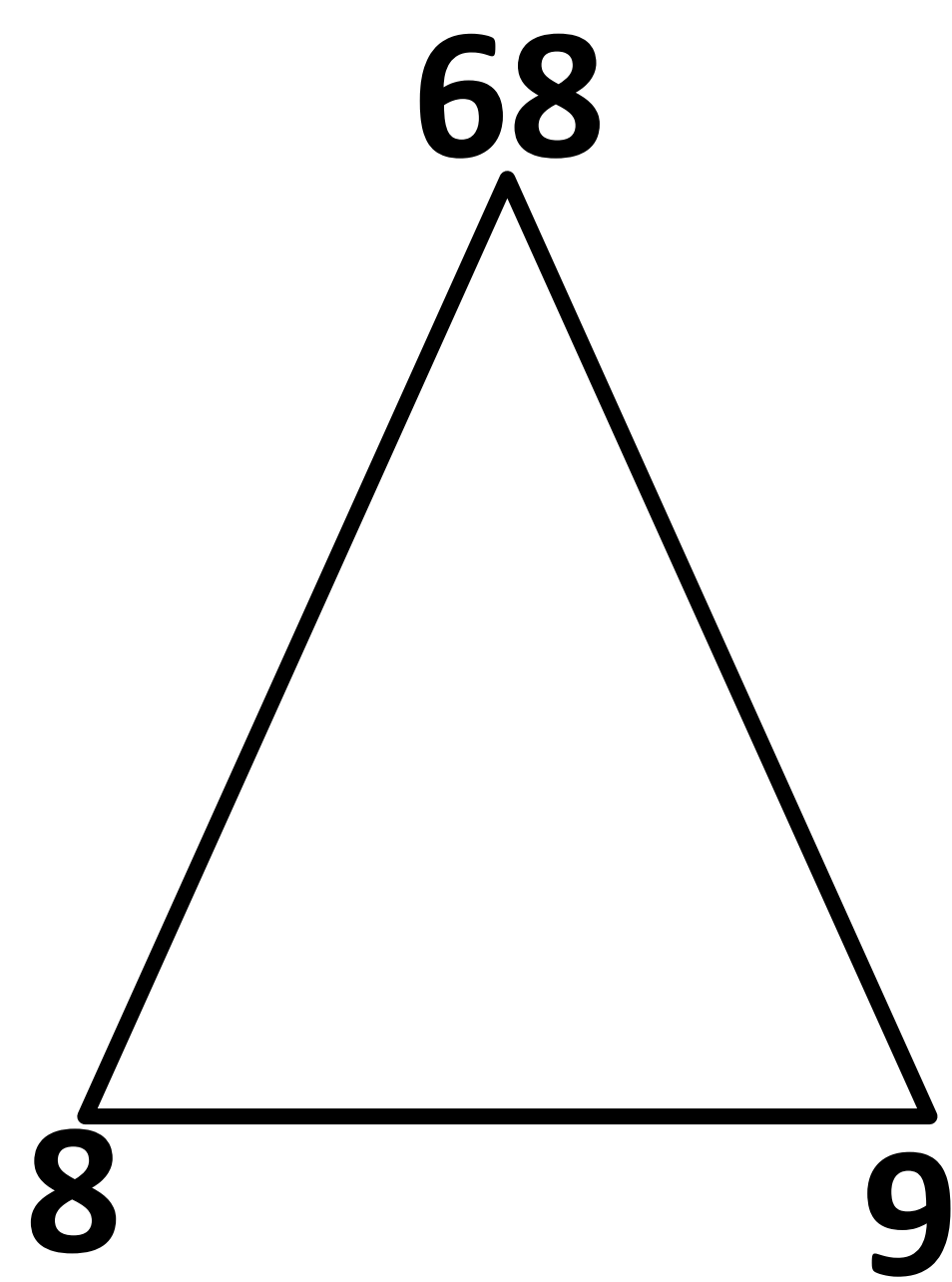


[A] 262

[B] 324

[C] 216

[D] 224

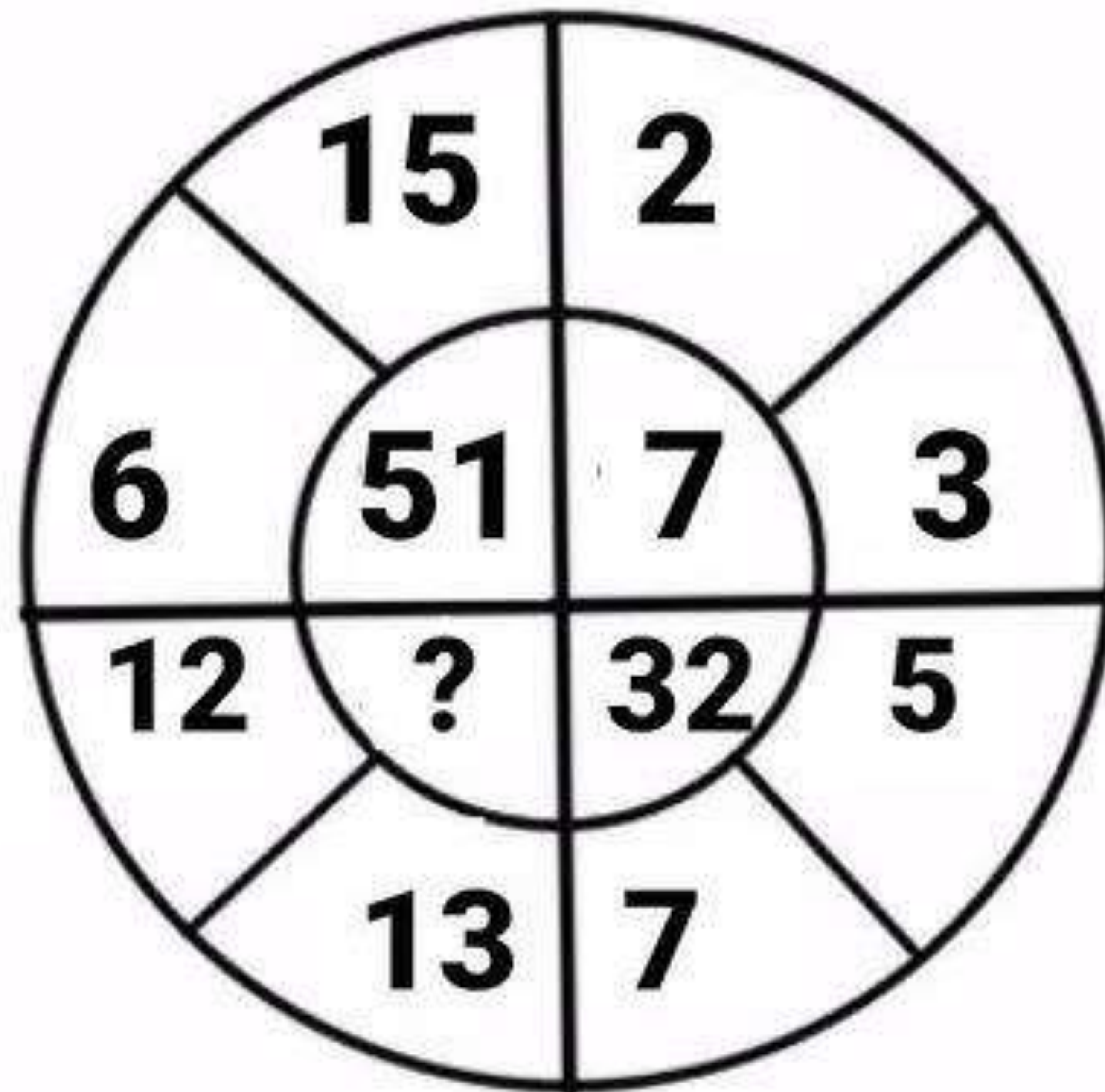


[A] 70

[C] 72

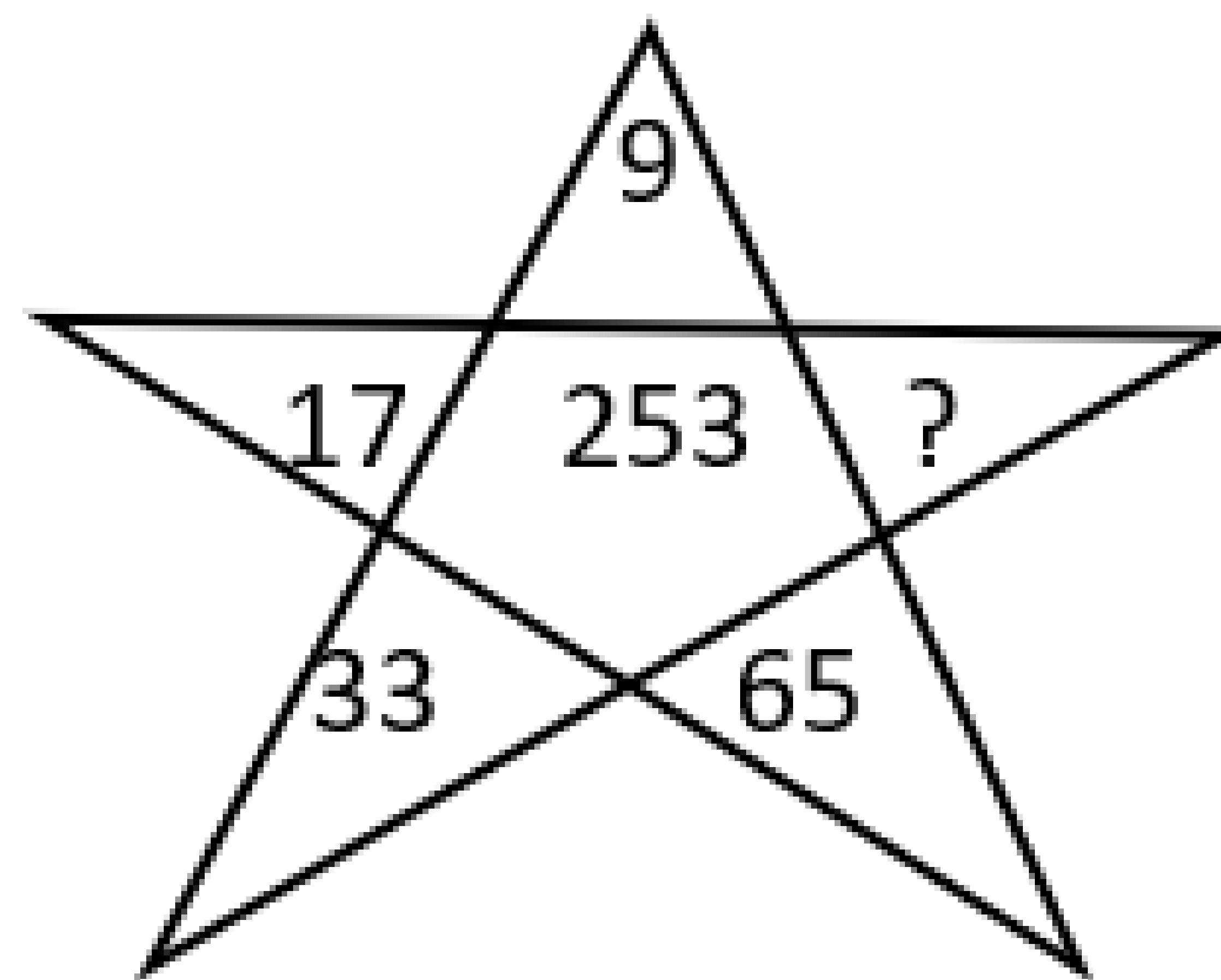
[B] 90

[D] 100



- (1) 156
- (2) 158
- (3) 157
- (4) 181

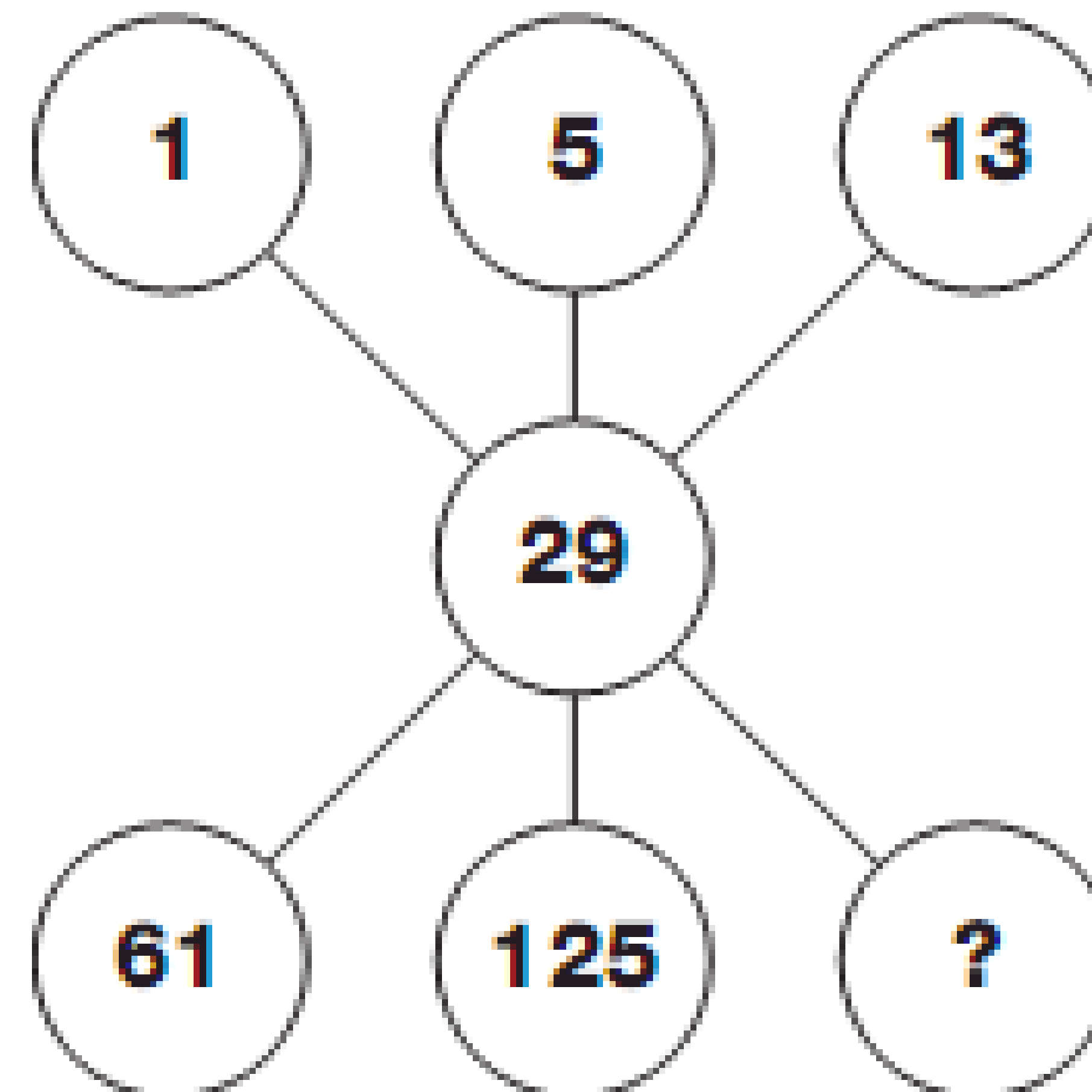




- A) 103
- b) 129
- c) 156
- d) 98



Which number replaces the question mark?



[A] 253

[B] 690

[C] 721

[D] 132

Which number replaces the question mark?

10	
8	13
16	6
4	19
22	?

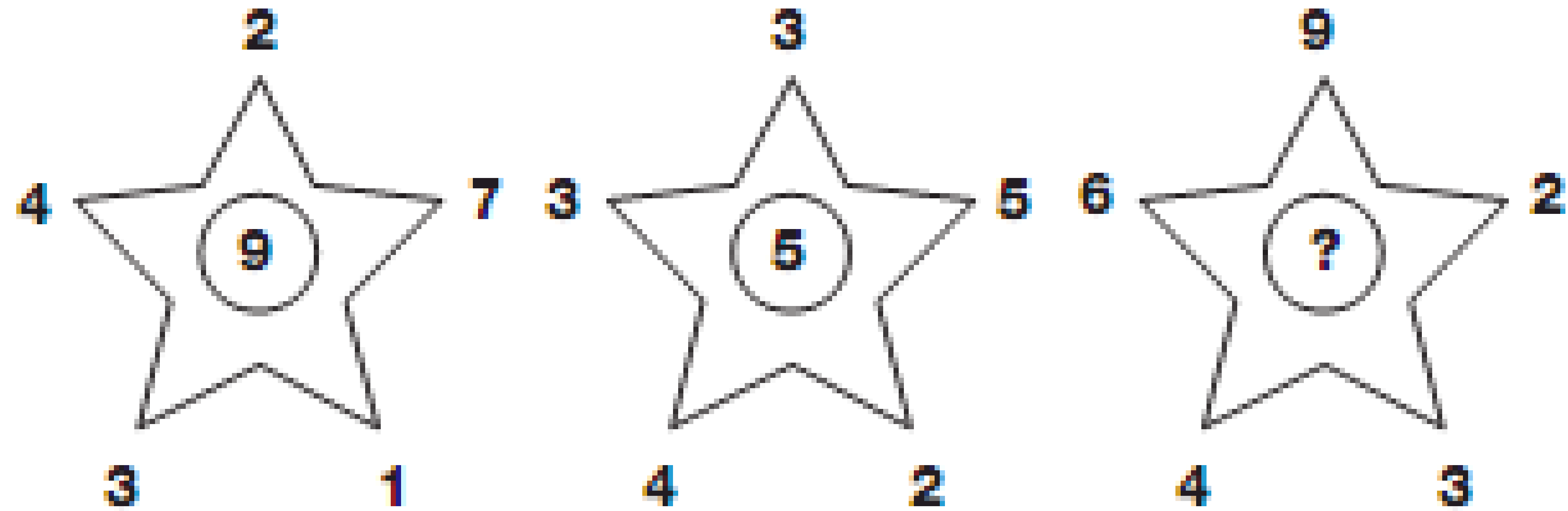
[A] 7

[B] 2

[C] 72

[D] 10

Which number replaces the question mark?



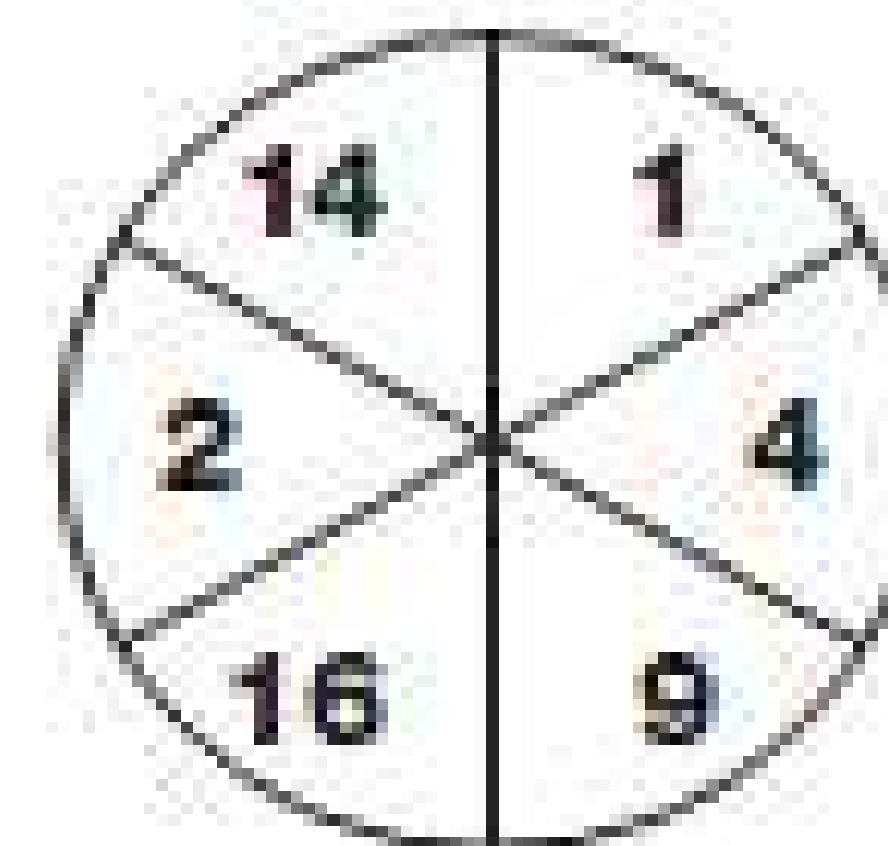
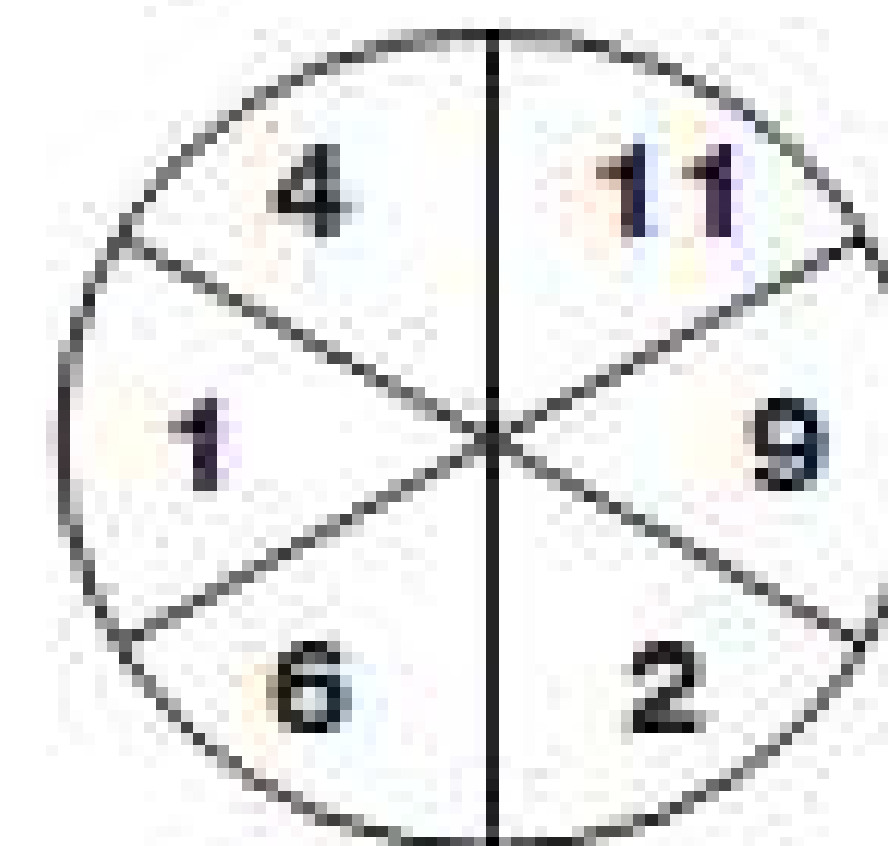
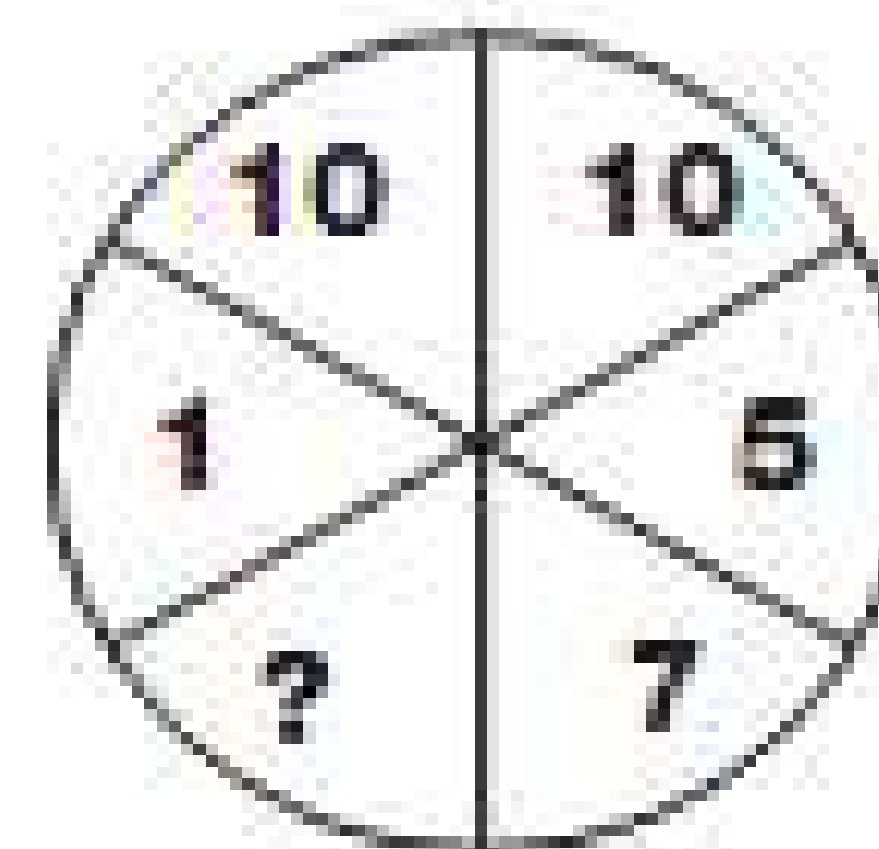
[A] 70

[B] 90

[C] 72

[D] 100

Which number replaces the question mark?



[A] 10

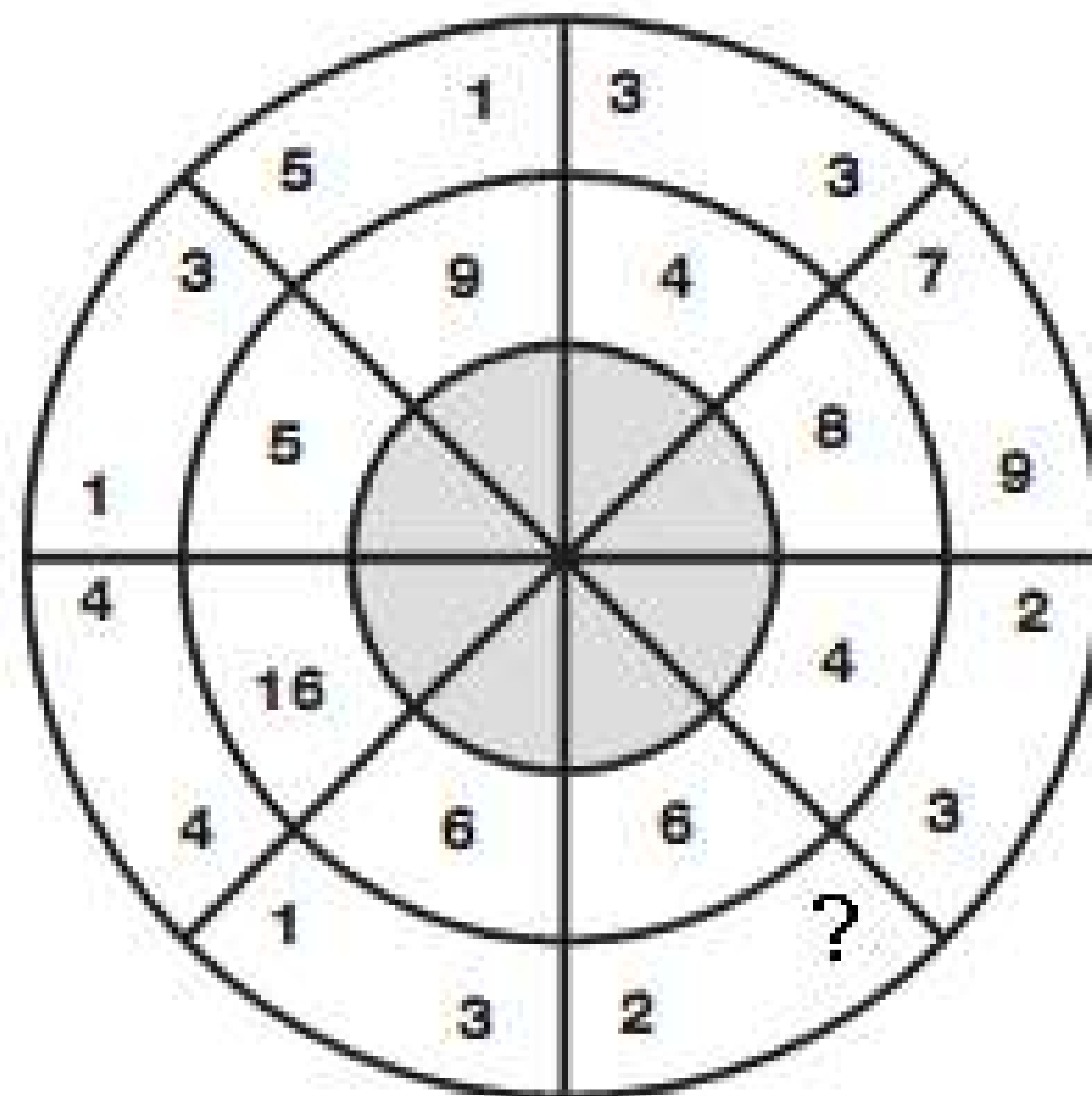
[B] 90

[C] 12

[D] 10



Which number replaces the question mark?



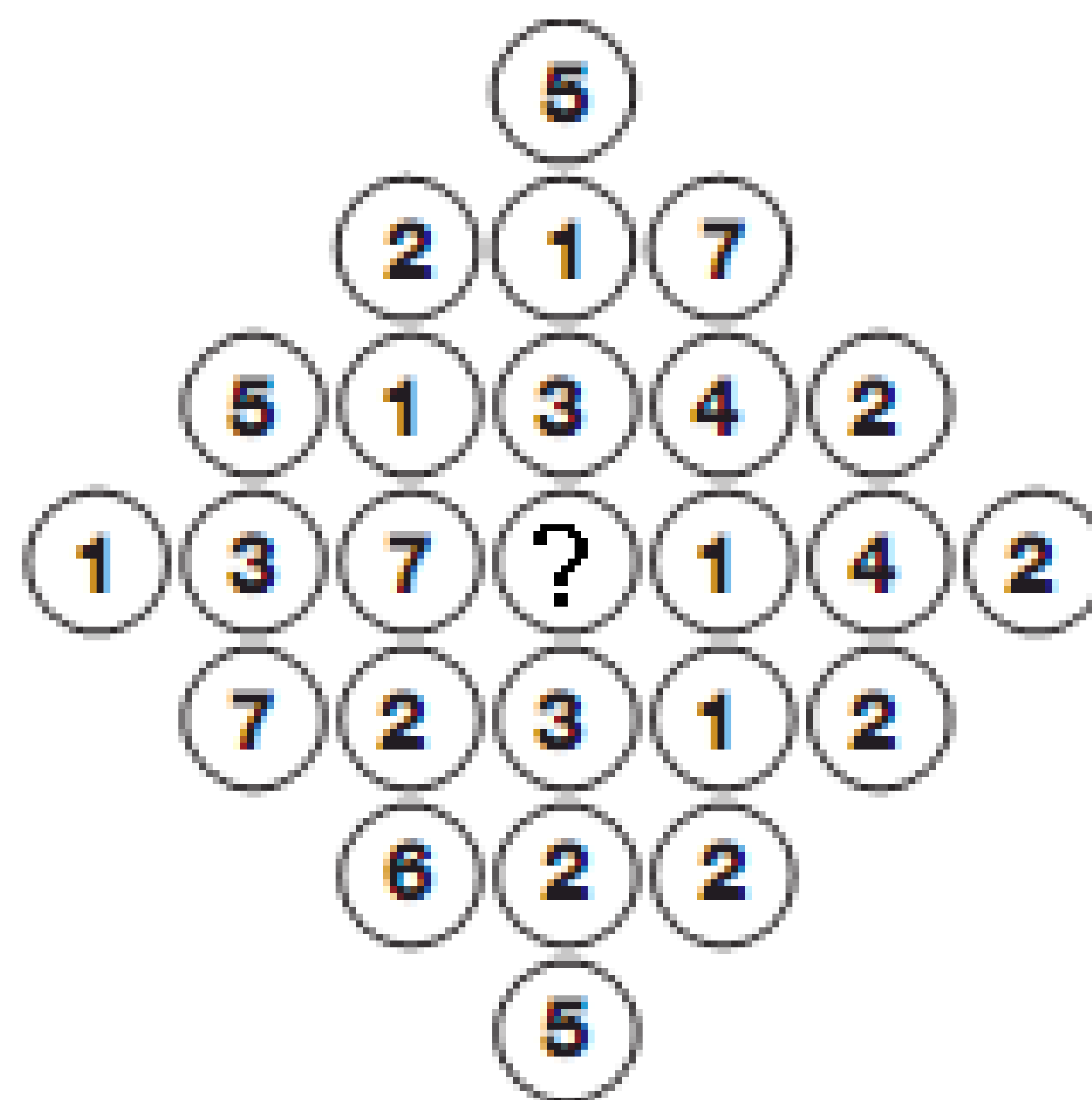
[A] 7

[B] 9

[C] 6

[D] 10

Which number replaces the question mark?



[A] 1

[B] 2

[C] 9

[D] 8



Which shape complete the puzzle?

5	3	6	4	8	1	9	7	2	0
5	1	0	2	9	4	7	3	8	6
3	8	1	6	0	2	9	5	7	4
6	7	3	9			8	0	1	5
3	7	4				8	2	9	
2	9	1				4	6	3	
0	8	3	7			5	1	6	4
7	0	2	4	1	6	3	9	8	5
0	8	1	5	2	4	3	7	9	6
2	6	8	1	3	5	0	9	4	7

1			
4		2	
6	5	1	0
7	8	6	5
6		2	

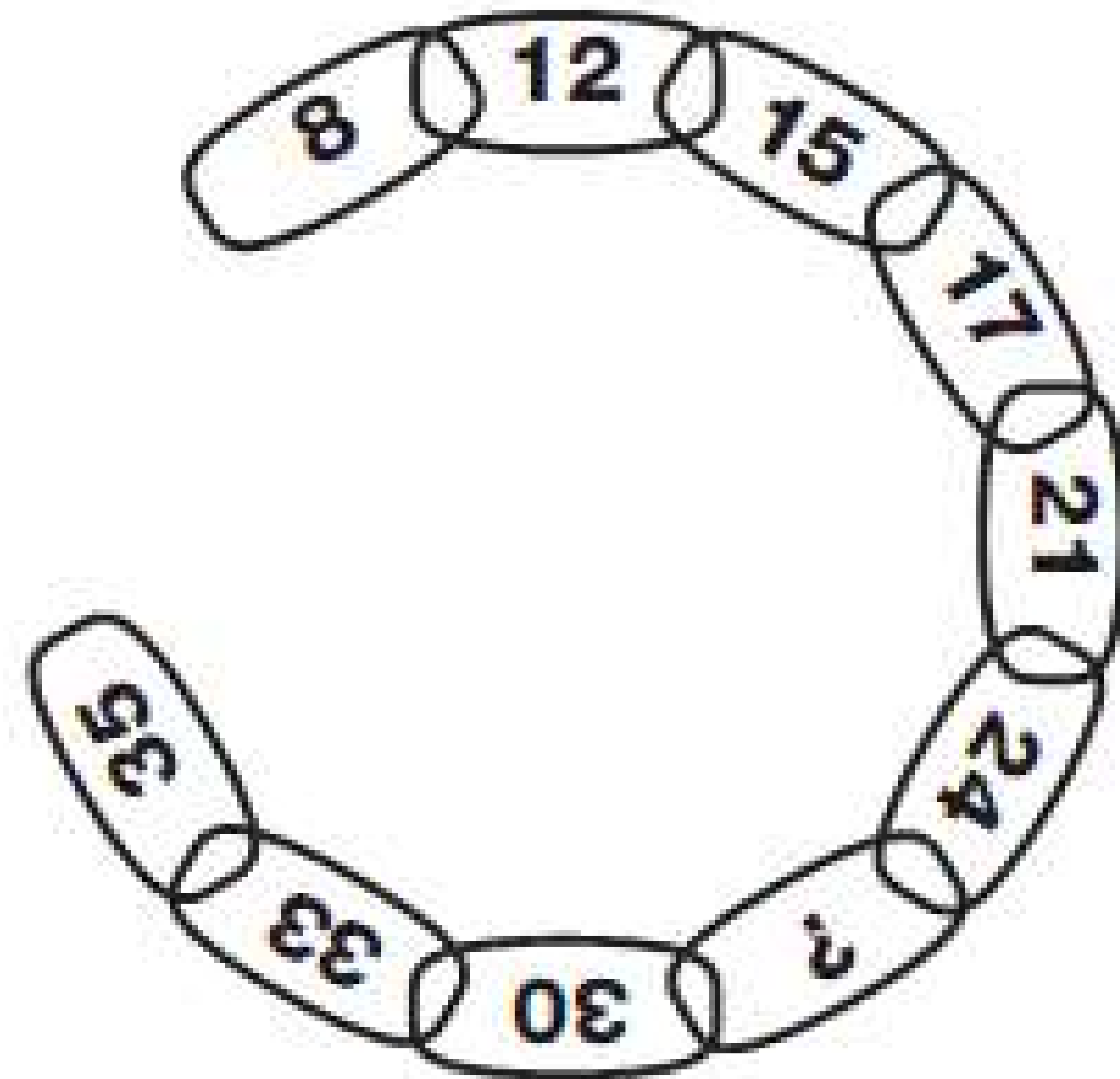
2			
3		5	
6	0	5	1
5	2	7	8
4		9	

		3		
		3	5	
6	0	1	5	
5	2	7	8	
		9	1	

				4					
				2	4				
6	0	5	1						
5	0	7	8						
				9	2				

				5							
				2		4					
5	1	6	1								
7	8	5	1								
				9		2					

Which number replaces the question mark?



[A] 26

[B] 29

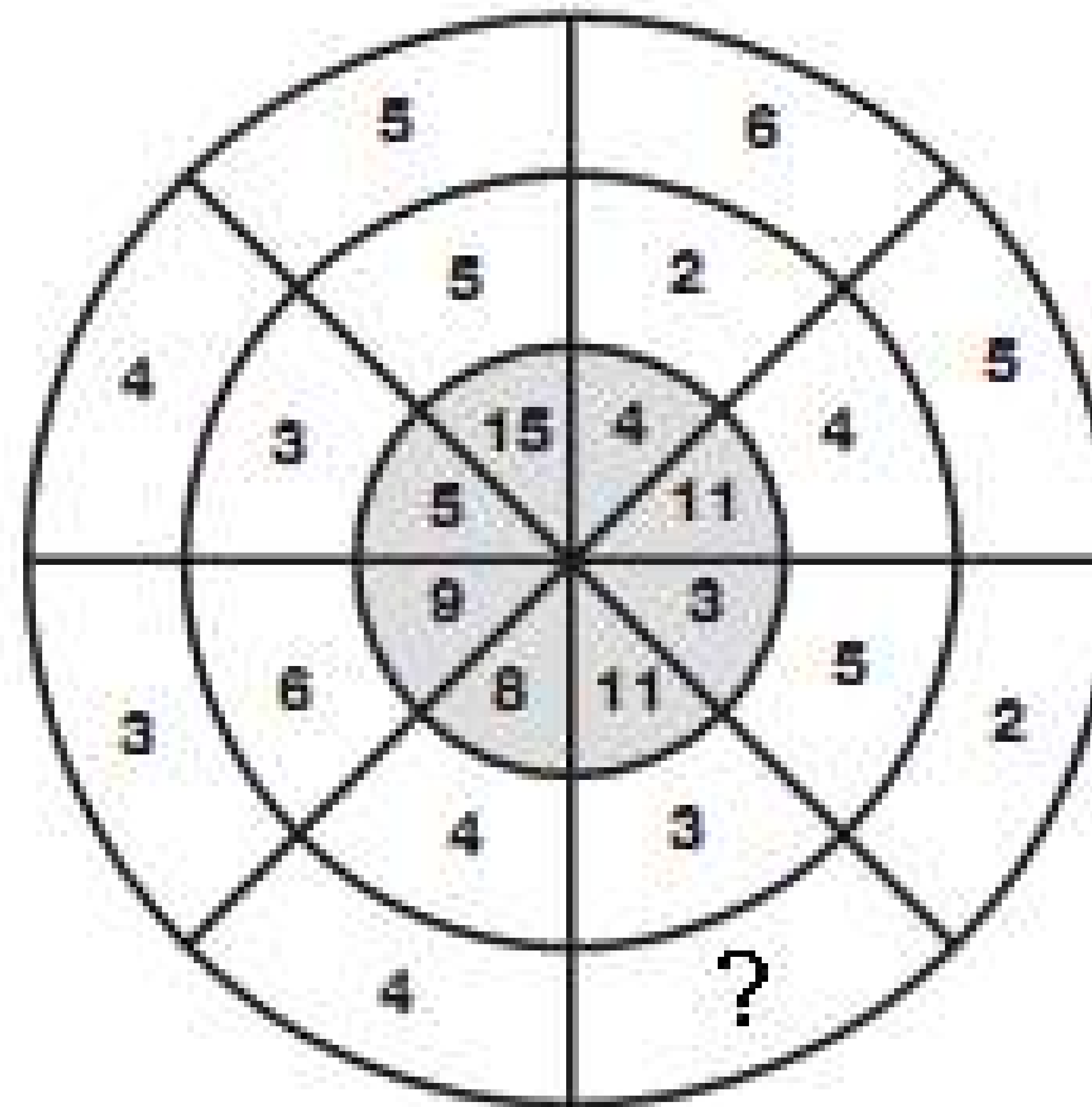
[C] 27

[D] 28

question

55

Which number replaces the question mark?



[A] 8

[B] 9

[C] 7

[D] 10

