

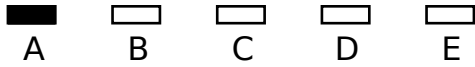
# Answer Sheet

**Paper Name:** Number analogies-Number sequence  
**Paper ID:** CUSTOM-VR-17F763E9DD  
**Full Name:**



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP AFTERWARDS TO MARK YOUR WORK.**

### How to answer:



### How not to answer:



Use the **free Exam Happy app** to **view the average** for this paper and learn from **video solutions**

1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E

11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	A	B	C	D	E

The three numbers within **each** group are related to each other in the **same** way. Find this pattern and choose the number that completes the last group.

**Example** (3 [ 7 ] 11)      (8 [ 12 ] 16)      (6 [ ? ] 14)

**A** 12                      **B** 10                      **C** 5                      **D** 7                      **E** 8

**Answer** **10** (The number is the midpoint of the two outer numbers)

**1.** (64 [ 82 ] 146)      (49 [ 51 ] 100)      (72 [ ? ] 241)

**A** 159                      **B** 149                      **C** 171                      **D** 169                      **E** 182

**2.** (6 [ 12 ] 72)      (13 [ 3 ] 39)      (12 [ ? ] 156)

**A** 13                      **B** 11                      **C** 15                      **D** 144                      **E** 146

**3.** (7 [ 25 ] 175)      (16 [ 5 ] 80)      (23 [ ? ] 345)

**A** 368                      **B** 322                      **C** 17                      **D** 16                      **E** 15

**4.** (150 [ 2 ] 75)      (96 [ 6 ] 16)      (112 [ ? ] 8)

**A** 14                      **B** 13                      **C** 15                      **D** 12                      **E** 11

**5.** (39 [ 5 ] 7)      (32 [ 7 ] 4)      (24 [ ? ] 4)

**A** 6                      **B** 25                      **C** 17                      **D** 5                      **E** 84

**6.** (7 [ 3 ] 24)      (5 [ 18 ] 33)      (9 [ ? ] 45)

**A** 5                      **B** 36                      **C** 18  
1                      **D** 13                      **E** 54

**7.** (7 [ 19 ] 31)    (13 [ 34 ] 55)    (6 [ ? ] 28)  
A 34            B 22            C 17            D 5            E 49

**8.** (4 [ 12 ] 14)    (41 [ 23 ] 62)    (24 [ ? ] 33)  
A 8            B 11            C 54            D 25            E 29

**9.** (16 [ 2 ] 8)    (20 [ 5 ] 4)    (28 [ ? ] 4)  
A 32            B 7            C 24            D 2            E 10

**10.** (-9 [ 5 ] -45)    (13 [ 6 ] 78)    (-5 [ ? ] 275)  
A -55            B 280            C 270            D 55            E -280

*Look at the sequence and work out the pattern. Using this pattern, work out the next number in the sequence.*

**Example** 6, 9, 12, 15, 18, [?]

A 22

B 21

C 23

D 20

E 19

**Answer B** (add 3 each time)

**11.** 85, 100, 130, 190, [ ? ]

A 300

B 310

C 320

D 290

E 280

**12.** -17, -6, 5, 16, [ ? ]

A 26

B 25

C 27

D 28

E 29

**13.** 21, 15, 26, 30, 31, 60, [ ? ]

A 89

B 90

C 36

D 34

E 91

**14.** 46 40 52 34 58 [ ? ]

A 28

B 48

C 54

D 62

E 30

**15.** 56 84 49 77 42 [ ? ]

A 62

B 70

C 48

D 34

E 82

**16.** -16, 32, 16, 48, [ ? ]

A 80

B 82

C 78

D 62

E 64

**17.** 81, 74, 60, 32, [ ? ]

**A** 4

**B** -24

**C** -23

**D** -22

**E** -2

**18.** 15, -12, 3, 9, 12, [ ? ]

**A** 15

**B** 17

**C** 18

**D** 22

**E** 21

**19.** 8, 21, 29, 50, [ ? ]

**A** 71

**B** 70

**C** 72

**D** 79

**E** 80

**20.** -3, 3, 0, 3, 3, [ ? ]

**A** 3

**B** 0

**C** -3

**D** 9

**E** 6