

Number Series **ANSWERS**

Bands 1, 2, 3, 4, 5 · 10 questions · Free sample

Find the missing number in each series.

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Answer: A

-2 -13 -24 -35 ? -57

-68 -79

A -46 ✓

B -43

C -41

D -39

E -37

F -36

Each time 11 is subtracted to get the next number.
 $X(n) = X(n-1) - 11$ **2** Band 1

Answer: B

1 6 11 16 21 26

? 36 41 46 51

A 29

B 31 ✓

C 32

D 33

E 34

F 35

Each time 5 is added to get the next number. $X(n) = X(n-1) + 5$ **3** Band 2

Answer: E

2 3 4 5 6 ?

8 9 10 11

A 2

B 3

C 5

D 6

E 7 ✓

F 8

Each time 1 is added to get the next number. $X(n) = X(n-1) + 1$ **4** Band 2

Answer: B

10 16 26 32 ? 48

58 64 74 80 90

A 41

B 42 ✓

C 44

D 45

E 47

F 51

Each time (6) or (10) is added alternatively to get the next number. First : $X(n) = X(n-1) + (6)$ Then : $X(n) = X(n-1) + (10)$ **5** Band 3

Answer: C

10 1 -8 -17 -26 -35

? -53 -62

A -46

B -45

C -44 ✓

D -41

E -40

F -39

Each time 9 is subtracted to get the next number.
 $X(n) = X(n-1) - 9$ **6** Band 3

Answer: F

1 5 25 125 ? 3125

15625 78125

A -1034

B -278

C -186

D -145

E 392

F 625 ✓The sequence starts with (1) and in each step (5) is multiplied to get the next number. $X(n) = X(n-1) * 5$

7

Band 4

Answer: B

-7 0 7 14 21 28

? 42

A 34

B 35 ✓

C 37

D 38

E 40

F 42

Each time 7 is added to get the next number. $X(n)=X(n-1)+7$

8

Band 4

Answer: B

7 8 9 10 11 12

? 14 15

A 11

B 13 ✓

C 14

D 15

E 17

F 18

Each time 1 is added to get the next number. $X(n)=X(n-1)+1$

9

Band 5

Answer: E

4 13 22 31 40 ?

58 67 76

A 41

B 43

C 44

D 46

E 49 ✓

F 51

Each time 9 is added to get the next number. $X(n)=X(n-1)+9$

10

Band 5

Answer: B

-2 1 4 7 10 13

16 ? 22

A 18

B 19 ✓

C 20

D 21

E 23

F 25

Each time 3 is added to get the next number. $X(n)=X(n-1)+3$



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