



Practice Questions for Cognitive Abilities Test™ (CogAT®) Form 7 and 8
2nd Grade
Number Series - Set 1 - 20 Questions

Look at the numbers in each row below. There is a rule that governs the order in which the numbers occur in the series. Figure out the rule and then choose the number that comes next from the answer choices below.

Example:

3 8 13 18 23 ____

A. 26 B. 27 C. 28 D. 29 E. 30

Answer: C 28 (add 5)

1) 6 8 10 12 14 ____

A. 16 B. 18 C. 20 D. 26 E. 28

2) 3 6 9 12 15 ____

A. 16 B. 18 C. 20 D. 25 E. 22

3) 12 16 20 24 28 ____
A. 30 B. 22 C. 26 D. 32 E. 36

4) 7 12 17 22 27 ____
A. 25 B. 20 C. 32 D. 35 E. 38

5) 34 35 37 40 44 ____
A. 42 B. 46 C. 49 D. 50 E. 52

6) 47 59 71 83 95 ____
A. 107 B. 109 C. 111 D. 117 E. 121

7) 66 63 60 57 54 ____
A. 55 B. 59 C. 53 D. 57 E. 51

8) 39 38 36 33 29 ____
A. 21 B. 24 C. 27 D. 20 E. 18

9) 45 38 31 24 17 ____
A. 8 B. 12 C. 15 D. 10 E. 9

10) 66 54 42 30 18 ____

A. 16 B. 26 C. 10 D. 8 E. 6

11) 94 76 58 40 22 ____

A. 20 B. 16 C. 4 D. 14 E. 8

12) 76 69 62 55 48 ____

A. 42 B. 41 C. 43 D. 45 E. 47

13) 92 87 82 77 72 ____

A. 80 B. 75 C. 67 D. 62 E. 60

14) 1 6 9 1 6 ____

A. 2 B. 4 C. 7 D. 9 E. 6

15) 48 46 42 40 36 ____

A. 28 B. 24 C. 26 D. 30 E. 34

16) 16 18 15 17 14 ____

A. 17 B. 16 C. 14 D. 15 E. 12

17) 64 59 61 56 54 ____

A. 49 B. 59 C. 58 D. 52 E. 55

18) 9 4 1 9 4 ____

A. 5 B. 6 C. 1 D. 9 E. 4

19) 20 23 21 24 22 ____

A. 26 B. 226 C. 241 D. 25 E. 28

20) 24 28 27 31 30 ____

A. 30 B. 32 C. 34 D. 36 E. 35

Answer Key

- 1) A 16 (add 2)
- 2) B 18 (add 3)
- 3) D 32 (add 4)
- 4) C 32 (add 5)
- 5) C 49 (add 1, add 2, add 3, add 4, add 5)
- 6) A 107 (add 12)
- 7) E 51 (subtract 3)
- 8) B 24 (subtract 1, subtract 2, subtract 3, subtract 4, subtract 5)
- 9) D 10 (subtract 7)
- 10) E 6 (subtract 12)
- 11) C 4 (subtract 18)
- 12) B 41 (subtract 7)
- 13) C 67 (subtract 5)
- 14) D 9 (repeats 1, 6, 9, 1, 6, 9)
- 15) E 34 (subtract 2, subtract 4)
- 16) B 16 (add 2, subtract 3)
- 17) A 49 (subtract 5, subtract 2)
- 18) C 1 (repeats 9, 4, 1, 9, 4, 1)
- 19) D 25 (add 3, subtract 2)
- 20) C 34 (add 4, subtract 1)

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