

Algebra & Sequences: Easy Practice Paper 5

Q1. What is the next number in this sequence?

7, 14, 21, 28, ?

- A. 30 B. 32 C. 35 D. 36 E. 42

Q2. If $x = 8$, what is the value of $x + 15$?

- A. 7 B. 21 C. 22 D. 23 E. 120

Q3. What is the next number in this sequence?

90, 81, 72, 63, ?

- A. 50 B. 52 C. 54 D. 56 E. 58

Q4. Solve for m.

$$m - 6 = 6$$

- A. 0 B. 1 C. 6 D. 12 E. 36

Q5. A number machine divides every input by 4. What comes out when 20 goes in?

- A. 4 B. 5 C. 16 D. 24 E. 80

Q6. What is the next number in this sequence?

5, 10, 20, 40, ?

- A. 45 B. 50 C. 60 D. 70 E. 80

Q7. If $k = 7$, what is the value of $10 - k$?

- A. 3 B. 4 C. 13 D. 17 E. 70

Q8. What is the missing number in this sequence?

31, 27, ?, 19

- A. 20 B. 21 C. 22 D. 23 E. 24

Q9. Solve for x.

$$x + 12 = 12$$

- A. 0 B. 1 C. 12 D. 24 E. 144

Q10. A bag holds b marbles. Which expression shows the number of marbles in 2 bags?

- A. $b + 2$ B. $2b$ C. $b - 2$ D. $b \div 2$ E. $2 - b$

Q11. What is the rule for this sequence?

3, 12, 48, 192

- A. add 9
B. add 12
C. multiply by 3
D. multiply by 4
E. multiply by 5

Q12. Which of these sequences goes down in 7s?

- A. 50, 43, 36, 29
B. 50, 42, 34, 26
C. 50, 44, 38, 32
D. 50, 45, 40, 35
E. 50, 43, 35, 27

Q13. If $n = 4$, what is the value of $5n + 3$?

- A. 12 B. 17 C. 20 D. 23 E. 35

Q14. What is the next number in this sequence?

2, 5, 10, 17, ?

- A. 22 B. 24 C. 25 D. 26 E. 28

Q15. A hall has 5 rows with c chairs in each row. Which expression shows the total number of chairs?

- A. $c + 5$ B. $5c$ C. $c - 5$ D. $c \div 5$ E. $5 - c$

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