

5th Grade Math Practice: Generating Number Patterns and Graphing

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Generate the first five terms of the pattern: Start at 3 and add 2 each time. What is the 5th term?

2. If you double the number 4 and then subtract 3, what is the result?

3. What number comes next in the pattern? 2, 4, 6, ____

4. Circle the greater number:

30

or

25

5. $5/8 + 3/8 =$ ____

6. Emma has $1/2$ of a pizza and gives $1/4$ away. How much pizza does she have left?

7. The ordered pair (2, 3) represents the point where $x = 2$ and $y = 3$ on a graph. True or False?

True False

8. A pattern starts with 10 and subtracts 4 each time. What is the 3rd term?

9. $7.5 - 2.3 =$ ____

10. Calculate the volume of a box with length 4, width 3, and height 2. (Volume = length \times width \times height)

11. What number comes next? 1, 3, 5, 7, ____

12. If you graph the ordered pairs (1,2), (2,4), and (3,6), what is the pattern in the y-values?

13. $3/4 \times 2 =$ ____

14. Circle the greater number: 0..6:

75

or

0

15. The ordered pair (4, 1) is located in the second quadrant of the coordinate plane. True or False?

True False

Answer Key

1. 13 2. 5 3. 8 4. 30 5. 1 6. $1/4$ 7. True 8. 2 9. 5.2 10. 24 11. 9 12. $y = 2x$ 13. $3/2$ 14. 0.75 15. False