

Algebra

Write the next five numbers in the pattern. Write the 15th number in the pattern. Describe the rule.

1 1, 3, 5, 7, 9, _____, _____, _____, _____, _____

15th number: _____ Rule: _____

2 6, 11, 16, 21, 26, _____, _____, _____, _____, _____

15th number: _____ Rule: _____

3 4, 8, 12, 16, 20, _____, _____, _____, _____, _____

15th number: _____ Rule: _____

4 0, 2, 5, 9, 14, _____, _____, _____, _____, _____

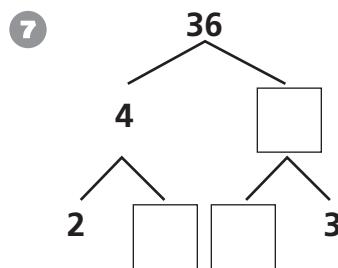
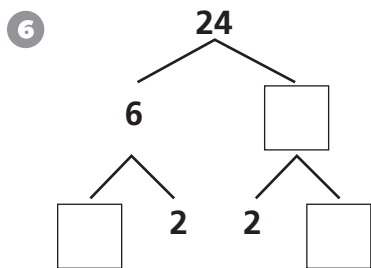
15th number: _____ Rule: _____

5 105, 99, 93, 87, 81, _____, _____, _____, _____, _____

15th number: _____ Rule: _____

Number and Operations

Write the missing numbers in each factor tree.



Find the missing factor in each multiplication sentence.

8 $3 \times 4 \times \underline{\hspace{1cm}} = 48$

9 $2 \times \underline{\hspace{1cm}} \times 5 = 40$

10 $\underline{\hspace{1cm}} \times 9 \times 2 = 18$

11 $4 \times \underline{\hspace{1cm}} \times 8 = 96$

12 $10 \times \underline{\hspace{1cm}} \times 5 = 200$

13 $\underline{\hspace{1cm}} \times 6 \times 4 = 72$

14 $9 \times \underline{\hspace{1cm}} \times 4 = 108$

15 $\underline{\hspace{1cm}} \times 8 \times 2 = 160$

16 $6 \times 9 \times \underline{\hspace{1cm}} = 108$