

Is the sequence geometric? If so, identify the common ratio, then find the 10 term.

15. $6, 12, 24, 48, \dots$

16. $2, -4, -16, -36, \dots$

Write the explicit formula for the sequence. Then find the fifth term in the sequence.

17. $a_1 = 3, r = -3$

18. $a_1 = 120, r = 0.3$

Find the geometric mean of the following numbers

19. $40, \square, 24$

20. $38, \square, 54$

21. $60, \square, 30$

22. $1, \square, 4$

23. Consider the sequence $16, -8, 4, -2, 1, \dots$
- Describe the pattern formed in the sequence.
 - Find the next three terms.

24. Consider the sequence $8, 13, 18, 23, \dots$
- Find the next two terms of the sequence.
 - Write a recursive formula for the sequence.