



Find the rule the pattern is using.

- Ex) 8, 10, 12, 14, 16, 18      Rule =     Add 2
- 1) 9, 18, 27, 36, 45, 54, 63, 72      Rule = \_\_\_\_\_
- 2) 57, 47, 37, 27, 17, 7      Rule = \_\_\_\_\_
- 3) 35, 30, 25, 20, 15, 10, 5      Rule = \_\_\_\_\_
- 4) 8, 24, 72, 216      Rule = \_\_\_\_\_
- 5) 8, 17, 26, 35, 44, 53, 62, 71      Rule = \_\_\_\_\_
- 6) 1536, 384, 96, 24, 6      Rule = \_\_\_\_\_
- 7) 6, 15, 24, 33, 42, 51, 60, 69      Rule = \_\_\_\_\_
- 8) 648, 216, 72, 24, 8      Rule = \_\_\_\_\_
- 9) 2500, 500, 100, 20, 4      Rule = \_\_\_\_\_
- 10) 54, 46, 38, 30, 22, 14, 6      Rule = \_\_\_\_\_
- 11) 3, 9, 27, 81      Rule = \_\_\_\_\_
- 12) 2, 4, 8, 16      Rule = \_\_\_\_\_
- 13) 250, 50, 10, 2      Rule = \_\_\_\_\_
- 14) 33, 29, 25, 21, 17, 13, 9, 5      Rule = \_\_\_\_\_
- 15) 5, 20, 80, 320      Rule = \_\_\_\_\_

**Answers**

- Ex.     Add 2
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_
- 13. \_\_\_\_\_
- 14. \_\_\_\_\_
- 15. \_\_\_\_\_



Find the rule the pattern is using.

- Ex) 8, 10, 12, 14, 16, 18      Rule =     Add 2
- 1) 9, 18, 27, 36, 45, 54, 63, 72      Rule =     Add 9
- 2) 57, 47, 37, 27, 17, 7      Rule =     Subtract 10
- 3) 35, 30, 25, 20, 15, 10, 5      Rule =     Subtract 5
- 4) 8, 24, 72, 216      Rule =     Multiply 3
- 5) 8, 17, 26, 35, 44, 53, 62, 71      Rule =     Add 9
- 6) 1536, 384, 96, 24, 6      Rule =     Divide 4
- 7) 6, 15, 24, 33, 42, 51, 60, 69      Rule =     Add 9
- 8) 648, 216, 72, 24, 8      Rule =     Divide 3
- 9) 2500, 500, 100, 20, 4      Rule =     Divide 5
- 10) 54, 46, 38, 30, 22, 14, 6      Rule =     Subtract 8
- 11) 3, 9, 27, 81      Rule =     Multiply 3
- 12) 2, 4, 8, 16      Rule =     Multiply 2
- 13) 250, 50, 10, 2      Rule =     Divide 5
- 14) 33, 29, 25, 21, 17, 13, 9, 5      Rule =     Subtract 4
- 15) 5, 20, 80, 320      Rule =     Multiply 4

Answers

- Ex.     Add 2
1.     Add 9
2.     Subtract 10
3.     Subtract 5
4.     Multiply 3
5.     Add 9
6.     Divide 4
7.     Add 9
8.     Divide 3
9.     Divide 5
10.     Subtract 8
11.     Multiply 3
12.     Multiply 2
13.     Divide 5
14.     Subtract 4
15.     Multiply 4