



Determining Pattern Rule

Name: \_\_\_\_\_

Find the rule the pattern is using.

- Ex) 20, 16, 12, 8, 4      Rule = subtract 4       $x-4$
- 1) 9, 15, 21, 27, 33      Rule = add 6       $x+6$
- 2) 32, 26, 20, 14, 8, 2      Rule = \_\_\_\_\_
- 3) 43, 36, 29, 22, 15, 8      Rule = \_\_\_\_\_
- 4) 375, 75, 15, 3      Rule = \_\_\_\_\_
- 5) 2, 4, 8, 16      Rule = \_\_\_\_\_
- 6) 31, 26, 21, 16, 11, 6, 1      Rule = \_\_\_\_\_
- 7) 7, 35, 175, 875      Rule = \_\_\_\_\_
- 8) 162, 54, 18, 6      Rule = \_\_\_\_\_
- 9) 4, 8, 16, 32, 64      Rule = \_\_\_\_\_
- 10) 4, 8, 12, 16, 20      Rule = \_\_\_\_\_
- 11) 512, 128, 32, 8      Rule = \_\_\_\_\_
- 12) 2, 6, 18, 54      Rule = \_\_\_\_\_
- 13) 4, 11, 18, 25, 32, 39      Rule = \_\_\_\_\_
- 14) 1280, 320, 80, 20, 5      Rule = \_\_\_\_\_
- 15) 7, 16, 25, 34, 43, 52      Rule = \_\_\_\_\_

Answers

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