Determining Pattern Rule

Name:

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
2 , 7 , 12 , 17 , 22 , 27 , 32   Rule = _____Add 5_____

Ex. _____**Add 5**_____

1) *Find the rule the pattern is using.*
3 , 6 , 12 , 24   Rule = _____

1. _____

2) *Find the rule the pattern is using.*
3 , 10 , 17 , 24 , 31 , 38 , 45 , 52   Rule = _____

2. _____

3. _____

3) *Find the rule the pattern is using.*
2 , 6 , 18 , 54   Rule = _____

4. _____

4) *Find the rule the pattern is using.*
39 , 31 , 23 , 15 , 7   Rule = _____

5. _____

5) *Find the rule the pattern is using.*
72 , 36 , 18 , 9   Rule = _____

6. _____

6) *Find the rule the pattern is using.*
48 , 24 , 12 , 6   Rule = _____

7. _____

7) *Find the rule the pattern is using.*
192 , 48 , 12 , 3   Rule = _____

8. _____

9. _____

8) *Find the rule the pattern is using.*
6 , 12 , 24 , 48 , 96   Rule = _____

9) *Find the rule the pattern is using.*
1 , 10 , 19 , 28 , 37   Rule = _____

10. _____

11. _____

10) *Find the rule the pattern is using.*
29 , 24 , 19 , 14 , 9   Rule = _____

12. _____

11) *Find the rule the pattern is using.*
7 , 14 , 28 , 56   Rule = _____

13. _____

14. _____

12) *Find the rule the pattern is using.*
31 , 25 , 19 , 13 , 7 , 1   Rule = _____

15. _____

13) *Find the rule the pattern is using.*
2 , 11 , 20 , 29 , 38 , 47 , 56   Rule = _____

14) *Find the rule the pattern is using.*
58 , 50 , 42 , 34 , 26 , 18 , 10   Rule = _____

15) *Find the rule the pattern is using.*
1125 , 225 , 45 , 9   Rule = _____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

Name: **Answer Key**

Find the rule the pattern is using.

Answers

Ex) *Find the rule the pattern is using.*
2 , 7 , 12 , 17 , 22 , 27 , 32   Rule = _____Add 5_____

Ex. _____**Add 5**_____

1) *Find the rule the pattern is using.*
3 , 6 , 12 , 24   Rule = _____Multiply 2_____

1. _____**Multiply 2**_____

2) *Find the rule the pattern is using.*
3 , 10 , 17 , 24 , 31 , 38 , 45 , 52   Rule = _____Add 7_____

2. _____**Add 7**_____

3) *Find the rule the pattern is using.*
2 , 6 , 18 , 54   Rule = _____Multiply 3_____

3. _____**Multiply 3**_____

4) *Find the rule the pattern is using.*
39 , 31 , 23 , 15 , 7   Rule = _____Subtract 8_____

4. _____**Subtract 8**_____

5) *Find the rule the pattern is using.*
72 , 36 , 18 , 9   Rule = _____Divide 2_____

5. _____**Divide 2**_____

6) *Find the rule the pattern is using.*
48 , 24 , 12 , 6   Rule = _____Divide 2_____

6. _____**Divide 2**_____

7) *Find the rule the pattern is using.*
192 , 48 , 12 , 3   Rule = _____Divide 4_____

7. _____**Divide 4**_____

8) *Find the rule the pattern is using.*
6 , 12 , 24 , 48 , 96   Rule = _____Multiply 2_____

8. _____**Multiply 2**_____

9) *Find the rule the pattern is using.*
1 , 10 , 19 , 28 , 37   Rule = _____Add 9_____

9. _____**Add 9**_____

10) *Find the rule the pattern is using.*
29 , 24 , 19 , 14 , 9   Rule = _____Subtract 5_____

10. _____**Subtract 5**_____

11) *Find the rule the pattern is using.*
7 , 14 , 28 , 56   Rule = _____Multiply 2_____

11. _____**Multiply 2**_____

12) *Find the rule the pattern is using.*
31 , 25 , 19 , 13 , 7 , 1   Rule = _____Subtract 6_____

12. _____**Subtract 6**_____

13) *Find the rule the pattern is using.*
2 , 11 , 20 , 29 , 38 , 47 , 56   Rule = _____Add 9_____

13. _____**Add 9**_____

14) *Find the rule the pattern is using.*
58 , 50 , 42 , 34 , 26 , 18 , 10   Rule = _____Subtract 8_____

14. _____**Subtract 8**_____

15) *Find the rule the pattern is using.*
1125 , 225 , 45 , 9   Rule = _____Divide 5_____

15. _____**Divide 5**_____

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					