Name:

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
8 , 24 , 72 , 216 , 648   Rule = _____Multiply 3_____

Ex. _____**Multiply 3**_____

1) *Find the rule the pattern is using.*
18 , 16 , 14 , 12 , 10 , 8 , 6 , 4   Rule = _____

1. _____

2) *Find the rule the pattern is using.*
162 , 54 , 18 , 6   Rule = _____

2. _____

3) *Find the rule the pattern is using.*
108 , 36 , 12 , 4   Rule = _____

3. _____

4) *Find the rule the pattern is using.*
2304 , 576 , 144 , 36 , 9   Rule = _____

4. _____

5) *Find the rule the pattern is using.*
1 , 5 , 9 , 13 , 17 , 21   Rule = _____

5. _____

6) *Find the rule the pattern is using.*
8 , 18 , 28 , 38 , 48 , 58   Rule = _____

6. _____

7) *Find the rule the pattern is using.*
1280 , 320 , 80 , 20 , 5   Rule = _____

7. _____

8) *Find the rule the pattern is using.*
62 , 52 , 42 , 32 , 22 , 12 , 2   Rule = _____

8. _____

9) *Find the rule the pattern is using.*
5 , 15 , 45 , 135 , 405   Rule = _____

9. _____

10) *Find the rule the pattern is using.*
41 , 35 , 29 , 23 , 17 , 11 , 5   Rule = _____

10. _____

11) *Find the rule the pattern is using.*
10 , 15 , 20 , 25 , 30 , 35 , 40   Rule = _____

11. _____

12) *Find the rule the pattern is using.*
39 , 30 , 21 , 12 , 3   Rule = _____

12. _____

13) *Find the rule the pattern is using.*
7 , 17 , 27 , 37 , 47 , 57 , 67 , 77   Rule = _____

13. _____

14) *Find the rule the pattern is using.*
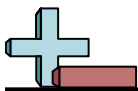4 , 16 , 64 , 256   Rule = _____

14. _____

15) *Find the rule the pattern is using.*
2 , 10 , 50 , 250 , 1250   Rule = _____

15. _____

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

Answer Key

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
8 , 24 , 72 , 216 , 648   Rule = _____Multiply 3_____

Ex. **Multiply 3**

1) *Find the rule the pattern is using.*
18 , 16 , 14 , 12 , 10 , 8 , 6 , 4   Rule = _____Subtract 2_____

1. **Subtract 2**

2) *Find the rule the pattern is using.*
162 , 54 , 18 , 6   Rule = _____Divide 3_____

2. **Divide 3**

3) *Find the rule the pattern is using.*
108 , 36 , 12 , 4   Rule = _____Divide 3_____

3. **Divide 3**

4) *Find the rule the pattern is using.*
2304 , 576 , 144 , 36 , 9   Rule = _____Divide 4_____

4. **Divide 4**

5) *Find the rule the pattern is using.*
1 , 5 , 9 , 13 , 17 , 21   Rule = _____Add 4_____

5. **Add 4**

6) *Find the rule the pattern is using.*
8 , 18 , 28 , 38 , 48 , 58   Rule = _____Add 10_____

6. **Add 10**

7) *Find the rule the pattern is using.*
1280 , 320 , 80 , 20 , 5   Rule = _____Divide 4_____

7. **Divide 4**

8) *Find the rule the pattern is using.*
62 , 52 , 42 , 32 , 22 , 12 , 2   Rule = _____Subtract 10_____

8. **Subtract 10**

9) *Find the rule the pattern is using.*
5 , 15 , 45 , 135 , 405   Rule = _____Multiply 3_____

9. **Multiply 3**

10) *Find the rule the pattern is using.*
41 , 35 , 29 , 23 , 17 , 11 , 5   Rule = _____Subtract 6_____

10. **Subtract 6**

11) *Find the rule the pattern is using.*
10 , 15 , 20 , 25 , 30 , 35 , 40   Rule = _____Add 5_____

11. **Add 5**

12) *Find the rule the pattern is using.*
39 , 30 , 21 , 12 , 3   Rule = _____Subtract 9_____

12. **Subtract 9**

13) *Find the rule the pattern is using.*
7 , 17 , 27 , 37 , 47 , 57 , 67 , 77   Rule = _____Add 10_____

13. **Add 10**

14) *Find the rule the pattern is using.*
4 , 16 , 64 , 256   Rule = _____Multiply 4_____

14. **Multiply 4**

15) *Find the rule the pattern is using.*
2 , 10 , 50 , 250 , 1250   Rule = _____Multiply 5_____

15. **Multiply 5**

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