Determining Pattern Rule

Name: _____

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*

9 , 45 , 225 , 1125 , 5625   Rule = ___Multiply 5___

1) *Find the rule the pattern is using.*

8 , 10 , 12 , 14 , 16 , 18 , 20   Rule = _____

2) *Find the rule the pattern is using.*

3 , 13 , 23 , 33 , 43 , 53 , 63 , 73   Rule = _____

3) *Find the rule the pattern is using.*

128 , 32 , 8 , 2   Rule = _____

4) *Find the rule the pattern is using.*

750 , 150 , 30 , 6   Rule = _____

5) *Find the rule the pattern is using.*

9 , 17 , 25 , 33 , 41   Rule = _____

6) *Find the rule the pattern is using.*

1125 , 225 , 45 , 9   Rule = _____

7) *Find the rule the pattern is using.*

44 , 38 , 32 , 26 , 20 , 14 , 8 , 2   Rule = _____

8) *Find the rule the pattern is using.*

21 , 19 , 17 , 15 , 13 , 11 , 9   Rule = _____

9) *Find the rule the pattern is using.*

4 , 8 , 16 , 32 , 64   Rule = _____

10) *Find the rule the pattern is using.*

34 , 29 , 24 , 19 , 14 , 9 , 4   Rule = _____

11) *Find the rule the pattern is using.*

63 , 55 , 47 , 39 , 31 , 23 , 15 , 7   Rule = _____

12) *Find the rule the pattern is using.*

9 , 17 , 25 , 33 , 41 , 49   Rule = _____

13) *Find the rule the pattern is using.*

6 , 18 , 54 , 162 , 486   Rule = _____

14) *Find the rule the pattern is using.*

3 , 15 , 75 , 375   Rule = _____

15) *Find the rule the pattern is using.*

216 , 72 , 24 , 8   Rule = _____

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

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*

9 , 45 , 225 , 1125 , 5625   Rule = _Multiply 5_

Ex.   **Multiply 5**

1) *Find the rule the pattern is using.*

8 , 10 , 12 , 14 , 16 , 18 , 20   Rule = _Add 2_

1. _____ **Add 2**

2) *Find the rule the pattern is using.*

3 , 13 , 23 , 33 , 43 , 53 , 63 , 73   Rule = _Add 10_

2. _____ **Add 10**

3) *Find the rule the pattern is using.*

128 , 32 , 8 , 2   Rule = _Divide 4_

3. _____ **Divide 4**

4) *Find the rule the pattern is using.*

750 , 150 , 30 , 6   Rule = _Divide 5_

4. _____ **Divide 5**

5) *Find the rule the pattern is using.*

9 , 17 , 25 , 33 , 41   Rule = _Add 8_

5. _____ **Add 8**

6) *Find the rule the pattern is using.*

1125 , 225 , 45 , 9   Rule = _Divide 5_

6. _____ **Divide 5**

7) *Find the rule the pattern is using.*

44 , 38 , 32 , 26 , 20 , 14 , 8 , 2   Rule = _Subtract 6_

7. _____ **Subtract 6**

8) *Find the rule the pattern is using.*

21 , 19 , 17 , 15 , 13 , 11 , 9   Rule = _Subtract 2_

8. _____ **Subtract 2**

9) *Find the rule the pattern is using.*

4 , 8 , 16 , 32 , 64   Rule = _Multiply 2_

9. _____ **Multiply 2**

10) *Find the rule the pattern is using.*

34 , 29 , 24 , 19 , 14 , 9 , 4   Rule = _Subtract 5_

10. _____ **Subtract 5**

11) *Find the rule the pattern is using.*

63 , 55 , 47 , 39 , 31 , 23 , 15 , 7   Rule = _Subtract 8_

11. _____ **Subtract 8**

12) *Find the rule the pattern is using.*

9 , 17 , 25 , 33 , 41 , 49   Rule = _Add 8_

12. _____ **Add 8**

13) *Find the rule the pattern is using.*

6 , 18 , 54 , 162 , 486   Rule = _Multiply 3_

13. _____ **Multiply 3**

14) *Find the rule the pattern is using.*

3 , 15 , 75 , 375   Rule = _Multiply 5_

14. _____ **Multiply 5**

15) *Find the rule the pattern is using.*

216 , 72 , 24 , 8   Rule = _Divide 3_

15. _____ **Divide 3**

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