Determining Pattern Rule   Name: _____

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
29 , 23 , 17 , 11 , 5   Rule = ____Subtract 6____

Ex.   **Subtract 6**

1) *Find the rule the pattern is using.*
3 , 9 , 15 , 21 , 27 , 33 , 39 , 45   Rule = _____

1. _____

2) *Find the rule the pattern is using.*
4 , 20 , 100 , 500   Rule = _____

2. _____

3) *Find the rule the pattern is using.*
16 , 13 , 10 , 7 , 4   Rule = _____

3. _____

4. _____

4) *Find the rule the pattern is using.*
486 , 162 , 54 , 18 , 6   Rule = _____

5. _____

5) *Find the rule the pattern is using.*
9 , 13 , 17 , 21 , 25   Rule = _____

6. _____

6) *Find the rule the pattern is using.*
6 , 24 , 96 , 384 , 1536   Rule = _____

7. _____

7) *Find the rule the pattern is using.*
1792 , 448 , 112 , 28 , 7   Rule = _____

8. _____

9. _____

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

9) *Find the rule the pattern is using.*
9 , 12 , 15 , 18 , 21   Rule = _____

10. _____

10) *Find the rule the pattern is using.*
512 , 128 , 32 , 8 , 2   Rule = _____

11. _____

12. _____

11) *Find the rule the pattern is using.*
16 , 8 , 4 , 2   Rule = _____

13. _____

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

14. _____

13) *Find the rule the pattern is using.*
6 , 30 , 150 , 750   Rule = _____

15. _____

14) *Find the rule the pattern is using.*
22 , 19 , 16 , 13 , 10   Rule = _____

15) *Find the rule the pattern is using.*
38 , 32 , 26 , 20 , 14 , 8   Rule = _____

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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.*
29 , 23 , 17 , 11 , 5   Rule = <u>Subtract 6</u>

Ex.   **Subtract 6**

1) *Find the rule the pattern is using.*
3 , 9 , 15 , 21 , 27 , 33 , 39 , 45   Rule = <u>Add 6</u>

1.   **Add 6**

2) *Find the rule the pattern is using.*
4 , 20 , 100 , 500   Rule = <u>Multiply 5</u>

2.   **Multiply 5**

3) *Find the rule the pattern is using.*
16 , 13 , 10 , 7 , 4   Rule = <u>Subtract 3</u>

3.   **Subtract 3**

4) *Find the rule the pattern is using.*
486 , 162 , 54 , 18 , 6   Rule = <u>Divide 3</u>

4.   **Divide 3**

5) *Find the rule the pattern is using.*
9 , 13 , 17 , 21 , 25   Rule = <u>Add 4</u>

5.   **Add 4**

6) *Find the rule the pattern is using.*
6 , 24 , 96 , 384 , 1536   Rule = <u>Multiply 4</u>

6.   **Multiply 4**

7) *Find the rule the pattern is using.*
1792 , 448 , 112 , 28 , 7   Rule = <u>Divide 4</u>

7.   **Divide 4**

8) *Find the rule the pattern is using.*
7 , 15 , 23 , 31 , 39   Rule = <u>Add 8</u>

8.   **Add 8**

9) *Find the rule the pattern is using.*
9 , 12 , 15 , 18 , 21   Rule = <u>Add 3</u>

9.   **Add 3**

10) *Find the rule the pattern is using.*
512 , 128 , 32 , 8 , 2   Rule = <u>Divide 4</u>

10.   **Divide 4**

11) *Find the rule the pattern is using.*
16 , 8 , 4 , 2   Rule = <u>Divide 2</u>

11.   **Divide 2**

12) *Find the rule the pattern is using.*
9 , 36 , 144 , 576   Rule = <u>Multiply 4</u>

12.   **Multiply 4**

13) *Find the rule the pattern is using.*
6 , 30 , 150 , 750   Rule = <u>Multiply 5</u>

13.   **Multiply 5**

14) *Find the rule the pattern is using.*
22 , 19 , 16 , 13 , 10   Rule = <u>Subtract 3</u>

14.   **Subtract 3**

15) *Find the rule the pattern is using.*
38 , 32 , 26 , 20 , 14 , 8   Rule = <u>Subtract 6</u>

15.   **Subtract 6**

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