Find the rule the pattern is using.

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

37 , 32 , 27 , 22 , 17 , 12 , 7   Rule = <u>   Subtract 5   </u>

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

37 , 31 , 25 , 19 , 13 , 7   Rule = <u>   </u>

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

162 , 54 , 18 , 6   Rule = <u>   </u>

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

128 , 64 , 32 , 16 , 8   Rule = <u>   </u>

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

5 , 11 , 17 , 23 , 29   Rule = <u>   </u>

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

5 , 15 , 45 , 135 , 405   Rule = <u>   </u>

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

3 , 12 , 48 , 192   Rule = <u>   </u>

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

32 , 27 , 22 , 17 , 12 , 7 , 2   Rule = <u>   </u>

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

10 , 13 , 16 , 19 , 22   Rule = <u>   </u>

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

7 , 15 , 23 , 31 , 39   Rule = <u>   </u>

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

39 , 33 , 27 , 21 , 15 , 9 , 3   Rule = <u>   </u>

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

7 , 21 , 63 , 189 , 567   Rule = <u>   </u>

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

128 , 32 , 8 , 2   Rule = <u>   </u>

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

189 , 63 , 21 , 7   Rule = <u>   </u>

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

4 , 8 , 12 , 16 , 20 , 24 , 28   Rule = <u>   </u>

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

4 , 12 , 36 , 108   Rule = <u>   </u>

Answers column:

Ex. **Subtract 5**

1. <u>   </u>
2. <u>   </u>
3. <u>   </u>
4. <u>   </u>
5. <u>   </u>
6. <u>   </u>
7. <u>   </u>
8. <u>   </u>
9. <u>   </u>
10. <u>   </u>
11. <u>   </u>
12. <u>   </u>
13. <u>   </u>
14. <u>   </u>
15. <u>   </u>

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.*
37 , 32 , 27 , 22 , 17 , 12 , 7   Rule = <u>Subtract 5</u>

Ex.   **Subtract 5**

1) *Find the rule the pattern is using.*
37 , 31 , 25 , 19 , 13 , 7   Rule = <u>Subtract 6</u>

1.   **Subtract 6**

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

2.   **Divide 3**

3) *Find the rule the pattern is using.*
128 , 64 , 32 , 16 , 8   Rule = <u>Divide 2</u>

3.   **Divide 2**

4) *Find the rule the pattern is using.*
5 , 11 , 17 , 23 , 29   Rule = <u>Add 6</u>

4.   **Add 6**

5) *Find the rule the pattern is using.*
5 , 15 , 45 , 135 , 405   Rule = <u>Multiply 3</u>

5.   **Multiply 3**

6) *Find the rule the pattern is using.*
3 , 12 , 48 , 192   Rule = <u>Multiply 4</u>

6.   **Multiply 4**

7) *Find the rule the pattern is using.*
32 , 27 , 22 , 17 , 12 , 7 , 2   Rule = <u>Subtract 5</u>

7.   **Subtract 5**

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

8.   **Add 3**

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

9.   **Add 8**

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

10.   **Subtract 6**

11) *Find the rule the pattern is using.*
7 , 21 , 63 , 189 , 567   Rule = <u>Multiply 3</u>

11.   **Multiply 3**

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

12.   **Divide 4**

13) *Find the rule the pattern is using.*
189 , 63 , 21 , 7   Rule = <u>Divide 3</u>

13.   **Divide 3**

14) *Find the rule the pattern is using.*
4 , 8 , 12 , 16 , 20 , 24 , 28   Rule = <u>Add 4</u>

14.   **Add 4**

15) *Find the rule the pattern is using.*
4 , 12 , 36 , 108   Rule = <u>Multiply 3</u>

15.   **Multiply 3**

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