Determining Pattern Rule

Name: _____

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
64 , 32 , 16 , 8 , 4   Rule = _____Divide 2_____

Ex. ___**Divide 2**___

1) *Find the rule the pattern is using.*
375 , 75 , 15 , 3   Rule = _____

1. _____

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

2. _____

3. _____

3) *Find the rule the pattern is using.*
10 , 18 , 26 , 34 , 42 , 50 , 58 , 66   Rule = _____

4. _____

4) *Find the rule the pattern is using.*
5 , 8 , 11 , 14 , 17   Rule = _____

5. _____

5) *Find the rule the pattern is using.*
64 , 32 , 16 , 8   Rule = _____

6. _____

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

7. _____

8. _____

7) *Find the rule the pattern is using.*
63 , 55 , 47 , 39 , 31 , 23 , 15 , 7   Rule = _____

9. _____

8) *Find the rule the pattern is using.*
9 , 45 , 225 , 1125 , 5625   Rule = _____

10. _____

9) *Find the rule the pattern is using.*
3 , 7 , 11 , 15 , 19 , 23 , 27 , 31   Rule = _____

11. _____

10) *Find the rule the pattern is using.*
5 , 25 , 125 , 625   Rule = _____

12. _____

13. _____

11) *Find the rule the pattern is using.*
39 , 34 , 29 , 24 , 19 , 14 , 9   Rule = _____

14. _____

12) *Find the rule the pattern is using.*
3 , 11 , 19 , 27 , 35 , 43 , 51   Rule = _____

15. _____

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

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

15) *Find the rule the pattern is using.*
8 , 16 , 32 , 64   Rule = _____

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

Determining Pattern Rule   Name: **Answer Key**

Find the rule the pattern is using.

Answers

Ex) *Find the rule the pattern is using.*
64 , 32 , 16 , 8 , 4   Rule = ___Divide 2___

1) *Find the rule the pattern is using.*
375 , 75 , 15 , 3   Rule = ___Divide 5___

2) *Find the rule the pattern is using.*
6 , 30 , 150 , 750   Rule = ___Multiply 5___

3) *Find the rule the pattern is using.*
10 , 18 , 26 , 34 , 42 , 50 , 58 , 66   Rule = ___Add 8___

4) *Find the rule the pattern is using.*
5 , 8 , 11 , 14 , 17   Rule = ___Add 3___

5) *Find the rule the pattern is using.*
64 , 32 , 16 , 8   Rule = ___Divide 2___

6) *Find the rule the pattern is using.*
16 , 14 , 12 , 10 , 8 , 6 , 4   Rule = ___Subtract 2___

7) *Find the rule the pattern is using.*
63 , 55 , 47 , 39 , 31 , 23 , 15 , 7   Rule = ___Subtract 8___

8) *Find the rule the pattern is using.*
9 , 45 , 225 , 1125 , 5625   Rule = ___Multiply 5___

9) *Find the rule the pattern is using.*
3 , 7 , 11 , 15 , 19 , 23 , 27 , 31   Rule = ___Add 4___

10) *Find the rule the pattern is using.*
5 , 25 , 125 , 625   Rule = ___Multiply 5___

11) *Find the rule the pattern is using.*
39 , 34 , 29 , 24 , 19 , 14 , 9   Rule = ___Subtract 5___

12) *Find the rule the pattern is using.*
3 , 11 , 19 , 27 , 35 , 43 , 51   Rule = ___Add 8___

13) *Find the rule the pattern is using.*
45 , 38 , 31 , 24 , 17 , 10   Rule = ___Subtract 7___

14) *Find the rule the pattern is using.*
1250 , 250 , 50 , 10 , 2   Rule = ___Divide 5___

15) *Find the rule the pattern is using.*
8 , 16 , 32 , 64   Rule = ___Multiply 2___

Ex. **Divide 2**
1. **Divide 5**
2. **Multiply 5**
3. **Add 8**
4. **Add 3**
5. **Divide 2**
6. **Subtract 2**
7. **Subtract 8**
8. **Multiply 5**
9. **Add 4**
10. **Multiply 5**
11. **Subtract 5**
12. **Add 8**
13. **Subtract 7**
14. **Divide 5**
15. **Multiply 2**

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