Determining Pattern Rule

Name:

Find the rule the pattern is using.

Ex) *Find the rule the pattern is using.*
1 , 7 , 13 , 19 , 25 , 31 Rule = Add 6

1) *Find the rule the pattern is using.*
53 , 46 , 39 , 32 , 25 , 18 , 11 , 4 Rule = ________________

2) *Find the rule the pattern is using.*
7 , 14 , 28 , 56 Rule = ________________

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

4) *Find the rule the pattern is using.*
1 , 9 , 17 , 25 , 33 , 41 , 49 Rule = ________________

5) *Find the rule the pattern is using.*
112 , 56 , 28 , 14 , 7 Rule = ________________

6) *Find the rule the pattern is using.*
80 , 40 , 20 , 10 , 5 Rule = ________________

7) *Find the rule the pattern is using.*
8 , 24 , 72 , 216 , 648 Rule = ________________

8) *Find the rule the pattern is using.*
25 , 20 , 15 , 10 , 5 Rule = ________________

9) *Find the rule the pattern is using.*
53 , 43 , 33 , 23 , 13 , 3 Rule = ________________

10) *Find the rule the pattern is using.*
9 , 15 , 21 , 27 , 33 , 39 Rule = ________________

11) *Find the rule the pattern is using.*
8 , 16 , 24 , 32 , 40 , 48 , 56 Rule = ________________

12) *Find the rule the pattern is using.*
57 , 47 , 37 , 27 , 17 , 7 Rule = ________________

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

14) *Find the rule the pattern is using.*
4 , 8 , 16 , 32 , 64 Rule = ________________

15) *Find the rule the pattern is using.*
4 , 12 , 36 , 108 , 324 Rule = ________________

Answers

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

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.

Ex) *Find the rule the pattern is using.*
1 , 7 , 13 , 19 , 25 , 31 Rule = Add 6

1) *Find the rule the pattern is using.*
53 , 46 , 39 , 32 , 25 , 18 , 11 , 4 Rule = Subtract 7

2) *Find the rule the pattern is using.*
7 , 14 , 28 , 56 Rule = Multiply 2

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

4) *Find the rule the pattern is using.*
1 , 9 , 17 , 25 , 33 , 41 , 49 Rule = Add 8

5) *Find the rule the pattern is using.*
112 , 56 , 28 , 14 , 7 Rule = Divide 2

6) *Find the rule the pattern is using.*
80 , 40 , 20 , 10 , 5 Rule = Divide 2

7) *Find the rule the pattern is using.*
8 , 24 , 72 , 216 , 648 Rule = Multiply 3

8) *Find the rule the pattern is using.*
25 , 20 , 15 , 10 , 5 Rule = Subtract 5

9) *Find the rule the pattern is using.*
53 , 43 , 33 , 23 , 13 , 3 Rule = Subtract 10

10) *Find the rule the pattern is using.*
9 , 15 , 21 , 27 , 33 , 39 Rule = Add 6

11) *Find the rule the pattern is using.*
8 , 16 , 24 , 32 , 40 , 48 , 56 Rule = Add 8

12) *Find the rule the pattern is using.*
57 , 47 , 37 , 27 , 17 , 7 Rule = Subtract 10

13) *Find the rule the pattern is using.*
750 , 150 , 30 , 6 Rule = Divide 5

14) *Find the rule the pattern is using.*
4 , 8 , 16 , 32 , 64 Rule = Multiply 2

15) *Find the rule the pattern is using.*
4 , 12 , 36 , 108 , 324 Rule = Multiply 3

Answers

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

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