

**Determine which choice best describes the rule the pattern is using.****Answers****1)** 8 , 24 , 72 , 216 , 648

- A. Add 9
- B. Multiply 3
- C. Subtract 3
- D. Multiply 5

2) 60 , 50 , 40 , 30 , 20 , 10

- A. Add 4
- B. Subtract 6
- C. Multiply 7
- D. Subtract 10

3) 112 , 56 , 28 , 14 , 7

- A. Add 10
- B. Divide 2
- C. Subtract 10
- D. Multiply 6

4) 10 , 15 , 20 , 25 , 30

- A. Add 5
- B. Subtract 9
- C. Multiply 6
- D. Add 5

5) 576 , 144 , 36 , 9

- A. Divide 4
- B. Add 2
- C. Subtract 8
- D. Multiply 8

6) 8 , 24 , 72 , 216

- A. Add 10
- B. Multiply 3
- C. Subtract 2
- D. Multiply 7

7) 2 , 11 , 20 , 29 , 38 , 47 , 56

- A. Add 9
- B. Add 4
- C. Subtract 3
- D. Multiply 2

8) 243 , 81 , 27 , 9

- A. Add 4
- B. Subtract 5
- C. Divide 3
- D. Multiply 4

9) 23 , 21 , 19 , 17 , 15 , 13 , 11 , 9

- A. Add 8
- B. Subtract 5
- C. Multiply 7
- D. Subtract 2

10) 50 , 43 , 36 , 29 , 22 , 15 , 8

- A. Add 4
- B. Subtract 7
- C. Subtract 4
- D. Multiply 6

11) 9 , 36 , 144 , 576 , 2304

- A. Multiply 4
- B. Add 3
- C. Subtract 2
- D. Multiply 7

12) 40 , 33 , 26 , 19 , 12 , 5

- A. Add 8
- B. Subtract 7
- C. Subtract 4
- D. Multiply 10

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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1. **B**2. **D**3. **B**4. **D**5. **A**6. **B**7. **A**8. **C**9. **D**10. **B**11. **A**12. **B**