

# Grade 3 Patterns Worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

Find the next number in each pattern. Write your answer on the line.

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|---|--|
| 1. Each number is multiplied by 4: 3, 12, 48,<br>?<br>_____ | 2. Each number is multiplied by 3: 2, 6, 18,<br>?<br>_____   |
| 3. Each number is multiplied by 2: 4, 8, 16,<br>?<br>_____  | 4. Each number is multiplied by 4: 1, 4, 16,<br>?<br>_____   |
| 5. Each number is multiplied by 2: 5, 10, 20,<br>?<br>_____ | 6. Each number is multiplied by 3: 4, 12, 36,<br>?<br>_____  |
| 7. Each number is multiplied by 4: 4, 16, 64,<br>?<br>_____ | 8. Each number is multiplied by 4: 2, 8, 32,<br>?<br>_____   |
| 9. Each number is multiplied by 3: 3, 9, 27,<br>?<br>_____  | 10. Each number is multiplied by 4: 5, 20, 80,<br>?<br>_____ |
| 11. Each number is multiplied by 2: 3, 6, 12,<br>?<br>_____ | 12. Each number is multiplied by 2: 2, 4, 8,<br>?<br>_____   |
| 13. Each number is multiplied by 2: 1, 2, 4,<br>?<br>_____  | 14. Each number is multiplied by 3: 5, 15, 45,<br>?<br>_____ |
| 15. Each number is multiplied by 3: 1, 3, 9,<br>?<br>_____  |  |

ANSWER KEY

# Grade 3 Patterns Worksheet

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1. Each number is multiplied by 4: 3, 12, 48, ?  
**192**
2. Each number is multiplied by 3: 2, 6, 18, ?  
**54**
3. Each number is multiplied by 2: 4, 8, 16, ?  
**32**
4. Each number is multiplied by 4: 1, 4, 16, ?  
**64**
5. Each number is multiplied by 2: 5, 10, 20, ?  
**40**
6. Each number is multiplied by 3: 4, 12, 36, ?  
**108**
7. Each number is multiplied by 4: 4, 16, 64, ?  
**256**
8. Each number is multiplied by 4: 2, 8, 32, ?  
**128**
9. Each number is multiplied by 3: 3, 9, 27, ?  
**81**
10. Each number is multiplied by 4: 5, 20, 80, ?  
**320**
11. Each number is multiplied by 2: 3, 6, 12, ?  
**24**
12. Each number is multiplied by 2: 2, 4, 8, ?  
**16**
13. Each number is multiplied by 2: 1, 2, 4, ?  
**8**
14. Each number is multiplied by 3: 5, 15, 45, ?  
**135**
15. Each number is multiplied by 3: 1, 3, 9, ?  
**27**