

# Greatest common factor of 2 numbers (2-50)

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## Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 44 \_\_\_\_\_  
50 \_\_\_\_\_

2. 21 \_\_\_\_\_  
3 \_\_\_\_\_

3. 8 \_\_\_\_\_  
4 \_\_\_\_\_

4. 44 \_\_\_\_\_  
10 \_\_\_\_\_

5. 30 \_\_\_\_\_  
12 \_\_\_\_\_

6. 32 \_\_\_\_\_  
4 \_\_\_\_\_

7. 35 \_\_\_\_\_  
14 \_\_\_\_\_

8. 42 \_\_\_\_\_  
28 \_\_\_\_\_

9. 20 \_\_\_\_\_  
5 \_\_\_\_\_

10. 44 \_\_\_\_\_  
33 \_\_\_\_\_

11. 26 \_\_\_\_\_  
8 \_\_\_\_\_

12. 46 \_\_\_\_\_  
24 \_\_\_\_\_

13. 33 \_\_\_\_\_  
11 \_\_\_\_\_

14. 11 \_\_\_\_\_  
33 \_\_\_\_\_

15. 33 \_\_\_\_\_  
48 \_\_\_\_\_

16. 6 \_\_\_\_\_  
24 \_\_\_\_\_

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Find the greatest common factor.

- |     |    |                      |           |     |    |                          |           |
|-----|----|----------------------|-----------|-----|----|--------------------------|-----------|
| 1.  | 44 | <u>1, 2</u>          | <u>2</u>  | 2.  | 21 | <u>1, 3</u>              | <u>3</u>  |
|     | 50 | <u>1, 2</u>          |           |     | 3  | <u>1, 3</u>              |           |
| 3.  | 8  | <u>1, 2, 4</u>       | <u>4</u>  | 4.  | 44 | <u>1, 2</u>              | <u>2</u>  |
|     | 4  | <u>1, 2, 4</u>       |           |     | 10 | <u>1, 2</u>              |           |
| 5.  | 30 | <u>1, 2, 3, 5, 6</u> | <u>6</u>  | 6.  | 32 | <u>1, 2, 4</u>           | <u>4</u>  |
|     | 12 | <u>1, 2, 3, 4, 6</u> |           |     | 4  | <u>1, 2, 4</u>           |           |
| 7.  | 35 | <u>1, 5, 7</u>       | <u>7</u>  | 8.  | 42 | <u>1, 2, 3, 6, 7, 14</u> | <u>14</u> |
|     | 14 | <u>1, 2, 7</u>       |           |     | 28 | <u>1, 2, 4, 7, 14</u>    |           |
| 9.  | 20 | <u>1, 2, 4, 5</u>    | <u>5</u>  | 10. | 44 | <u>1, 2, 4, 11</u>       | <u>11</u> |
|     | 5  | <u>1, 5</u>          |           |     | 33 | <u>1, 3, 11</u>          |           |
| 11. | 26 | <u>1, 2</u>          | <u>2</u>  | 12. | 46 | <u>1, 2</u>              | <u>2</u>  |
|     | 8  | <u>1, 2</u>          |           |     | 24 | <u>1, 2</u>              |           |
| 13. | 33 | <u>1, 3, 11</u>      | <u>11</u> | 14. | 11 | <u>1, 11</u>             | <u>11</u> |
|     | 11 | <u>1, 11</u>         |           |     | 33 | <u>1, 3, 11</u>          |           |
| 15. | 33 | <u>1, 3</u>          | <u>3</u>  | 16. | 6  | <u>1, 2, 3, 6</u>        | <u>6</u>  |
|     | 48 | <u>1, 2, 3</u>       |           |     | 24 | <u>1, 2, 3, 4, 6</u>     |           |