

# Greatest common factor of 2 numbers (2-100)

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## Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 88 \_\_\_\_\_  
94 \_\_\_\_\_

2. 18 \_\_\_\_\_  
48 \_\_\_\_\_

3. 42 \_\_\_\_\_  
35 \_\_\_\_\_

4. 85 \_\_\_\_\_  
65 \_\_\_\_\_

5. 66 \_\_\_\_\_  
22 \_\_\_\_\_

6. 40 \_\_\_\_\_  
65 \_\_\_\_\_

7. 10 \_\_\_\_\_  
35 \_\_\_\_\_

8. 12 \_\_\_\_\_  
51 \_\_\_\_\_

9. 66 \_\_\_\_\_  
98 \_\_\_\_\_

10. 48 \_\_\_\_\_  
52 \_\_\_\_\_

11. 15 \_\_\_\_\_  
21 \_\_\_\_\_

12. 75 \_\_\_\_\_  
90 \_\_\_\_\_  
\_\_\_\_\_

13. 36 \_\_\_\_\_  
72 \_\_\_\_\_  
\_\_\_\_\_

14. 90 \_\_\_\_\_  
36 \_\_\_\_\_  
\_\_\_\_\_

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Find the greatest common factor.

- |     |    |  |           |     |    |                                     |           |
|-----|----|--|-----------|-----|----|-------------------------------------|-----------|
| 1.  | 88 | <u>1, 2</u>                                | <u>2</u>  | 2.  | 18 | <u>1, 2, 3, 6</u>                   | <u>6</u>  |
|     | 94 | <u>1, 2</u>                                |           |     | 48 | <u>1, 2, 3, 4, 6</u>                |           |
| 3.  | 42 | <u>1, 2, 3, 6, 7</u>                       | <u>7</u>  | 4.  | 85 | <u>1, 5</u>                         | <u>5</u>  |
|     | 35 | <u>1, 5, 7</u>                             |           |     | 65 | <u>1, 5</u>                         |           |
| 5.  | 66 | <u>1, 2, 3, 6, 11, 22</u>                  | <u>22</u> | 6.  | 40 | <u>1, 2, 4, 5</u>                   | <u>5</u>  |
|     | 22 | <u>1, 2, 11, 22</u>                        |           |     | 65 | <u>1, 5</u>                         |           |
| 7.  | 10 | <u>1, 2, 5</u>                             | <u>5</u>  | 8.  | 12 | <u>1, 2, 3</u>                      | <u>3</u>  |
|     | 35 | <u>1, 5</u>                                |           |     | 51 | <u>1, 3</u>                         |           |
| 9.  | 66 | <u>1, 2</u>                                | <u>2</u>  | 10. | 48 | <u>1, 2, 3, 4</u>                   | <u>4</u>  |
|     | 98 | <u>1, 2</u>                                |           |     | 52 | <u>1, 2, 4</u>                      |           |
| 11. | 15 | <u>1, 3</u>                                | <u>3</u>  | 12. | 75 | <u>1, 3, 5, 15</u>                  | <u>15</u> |
|     | 21 | <u>1, 3</u>                                |           |     | 90 | <u>1, 2, 3, 5, 6, 9, 10, 15</u>     |           |
| 13. | 36 | <u>1, 2, 3, 4, 6, 9, 12, 18, 36</u>        | <u>36</u> | 14. | 90 | <u>1, 2, 3, 5, 6, 9, 10, 15, 18</u> | <u>18</u> |
|     | 72 | <u>1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36</u> |           |     | 36 | <u>1, 2, 3, 4, 6, 9, 12, 18</u>     |           |