



Greatest common factor of 2 numbers (2-100)

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,</u>
<u>15</u> | |
| 13. | 36 | <u>1, 2, 3, 4, 6, 9, 12,</u>
<u>18, 36</u> | <u>36</u> | 14. | 90 | <u>1, 2, 3, 5, 6, 9, 10,</u>
<u>15, 18</u> | <u>18</u> |
| | 72 | <u>1, 2, 3, 4, 6, 8, 9, 12,</u>
<u>18, 24, 36</u> | | | 36 | <u>1, 2, 3, 4, 6, 9, 12,</u>
<u>18</u> | |