



Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 24 _____
10 _____

2. 18 _____
21 _____

3. 25 _____
30 _____

4. 11 _____
22 _____

5. 7 _____
28 _____

6. 18 _____
14 _____

7. 21 _____
9 _____

8. 42 _____
12 _____

9. 35 _____
7 _____

10. 42 _____
15 _____

11. 10 _____
5 _____

12. 50 _____
35 _____

13. 42 _____
21 _____

14. 7 _____
14 _____

15. 14 _____
48 _____

16. 26 _____
50 _____

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Find the greatest common factor.

- | | | | | | | | |
|-----|----|------------------------------|-----------|-----|----|----------------------|-----------|
| 1. | 24 | <u>1, 2</u> | <u>2</u> | 2. | 18 | <u>1, 2, 3</u> | <u>3</u> |
| | 10 | <u>1, 2</u> | | | 21 | <u>1, 3</u> | |
| 3. | 25 | <u>1, 5</u> | <u>5</u> | 4. | 11 | <u>1, 11</u> | <u>11</u> |
| | 30 | <u>1, 2, 3, 5</u> | | | 22 | <u>1, 2, 11</u> | |
| 5. | 7 | <u>1, 7</u> | <u>7</u> | 6. | 18 | <u>1, 2</u> | <u>2</u> |
| | 28 | <u>1, 2, 4, 7</u> | | | 14 | <u>1, 2</u> | |
| 7. | 21 | <u>1, 3</u> | <u>3</u> | 8. | 42 | <u>1, 2, 3, 6</u> | <u>6</u> |
| | 9 | <u>1, 3</u> | | | 12 | <u>1, 2, 3, 4, 6</u> | |
| 9. | 35 | <u>1, 5, 7</u> | <u>7</u> | 10. | 42 | <u>1, 2, 3</u> | <u>3</u> |
| | 7 | <u>1, 7</u> | | | 15 | <u>1, 3</u> | |
| 11. | 10 | <u>1, 2, 5</u> | <u>5</u> | 12. | 50 | <u>1, 2, 5</u> | <u>5</u> |
| | 5 | <u>1, 5</u> | | | 35 | <u>1, 5</u> | |
| 13. | 42 | <u>1, 2, 3, 6, 7, 14, 21</u> | <u>21</u> | 14. | 7 | <u>1, 7</u> | <u>7</u> |
| | 21 | <u>1, 3, 7, 21</u> | | | 14 | <u>1, 2, 7</u> | |
| 15. | 14 | <u>1, 2</u> | <u>2</u> | 16. | 26 | <u>1, 2</u> | <u>2</u> |
| | 48 | <u>1, 2</u> | | | 50 | <u>1, 2</u> | |