



Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 5 _____
30 _____

2. 24 _____
36 _____

3. 36 _____
42 _____

4. 39 _____
21 _____

5. 35 _____
45 _____

6. 7 _____
21 _____

7. 45 _____
30 _____

8. 36 _____
21 _____

9. 36 _____
18 _____

10. 5 _____
10 _____

11. 2 _____
24 _____

12. 14 _____
10 _____

13. 20 _____
25 _____

14. 10 _____
5 _____

15. 18 _____
30 _____

16. 30 _____
28 _____

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- | | | | | | | | |
|-----|----|------------------------------|-----------|-----|----|-----------------------------|-----------|
| 1. | 5 | <u>1, 5</u> | <u>5</u> | 2. | 24 | <u>1, 2, 3, 4, 6, 8, 12</u> | <u>12</u> |
| | 30 | <u>1, 2, 3, 5</u> | | | 36 | <u>1, 2, 3, 4, 6, 9, 12</u> | |
| 3. | 36 | <u>1, 2, 3, 4, 6</u> | <u>6</u> | 4. | 39 | <u>1, 3</u> | <u>3</u> |
| | 42 | <u>1, 2, 3, 6</u> | | | 21 | <u>1, 3</u> | |
| 5. | 35 | <u>1, 5</u> | <u>5</u> | 6. | 7 | <u>1, 7</u> | <u>7</u> |
| | 45 | <u>1, 3, 5</u> | | | 21 | <u>1, 3, 7</u> | |
| 7. | 45 | <u>1, 3, 5, 9, 15</u> | <u>15</u> | 8. | 36 | <u>1, 2, 3</u> | <u>3</u> |
| | 30 | <u>1, 2, 3, 5, 6, 10, 15</u> | | | 21 | <u>1, 3</u> | |
| 9. | 36 | <u>1, 2, 3, 4, 6, 9, 12,</u> | <u>18</u> | 10. | 5 | <u>1, 5</u> | <u>5</u> |
| | | <u>18</u> | | | 10 | <u>1, 2, 5</u> | |
| | 18 | <u>1, 2, 3, 6, 9, 18</u> | | | | | |
| 11. | 2 | <u>1, 2</u> | <u>2</u> | 12. | 14 | <u>1, 2</u> | <u>2</u> |
| | 24 | <u>1, 2</u> | | | 10 | <u>1, 2</u> | |
| 13. | 20 | <u>1, 2, 4, 5</u> | <u>5</u> | 14. | 10 | <u>1, 2, 5</u> | <u>5</u> |
| | 25 | <u>1, 5</u> | | | 5 | <u>1, 5</u> | |
| 15. | 18 | <u>1, 2, 3, 6</u> | <u>6</u> | 16. | 30 | <u>1, 2</u> | <u>2</u> |
| | 30 | <u>1, 2, 3, 5, 6</u> | | | 28 | <u>1, 2</u> | |