

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 15 _____
5 _____

2. 44 _____
22 _____

3. 35 _____
20 _____

4. 12 _____
27 _____

5. 12 _____
44 _____

6. 7 _____
35 _____

7. 39 _____
9 _____

8. 38 _____
14 _____

9. 22 _____
11 _____

10. 48 _____
32 _____

11. 35 _____
21 _____

12. 28 _____
14 _____

13. 30 _____
35 _____

14. 7 _____
14 _____

15. 14 _____
42 _____

16. 40 _____
18 _____

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- | | | | | | | | |
|-----|----|--------------------------|-----------|-----|----|------------------------------|-----------|
| 1. | 15 | <u>1, 3, 5</u> | <u>5</u> | 2. | 44 | <u>1, 2, 4, 11, 22</u> | <u>22</u> |
| | 5 | <u>1, 5</u> | | | 22 | <u>1, 2, 11, 22</u> | |
| 3. | 35 | <u>1, 5</u> | <u>5</u> | 4. | 12 | <u>1, 2, 3</u> | <u>3</u> |
| | 20 | <u>1, 2, 4, 5</u> | | | 27 | <u>1, 3</u> | |
| 5. | 12 | <u>1, 2, 3, 4</u> | <u>4</u> | 6. | 7 | <u>1, 7</u> | <u>7</u> |
| | 44 | <u>1, 2, 4</u> | | | 35 | <u>1, 5, 7</u> | |
| 7. | 39 | <u>1, 3</u> | <u>3</u> | 8. | 38 | <u>1, 2</u> | <u>2</u> |
| | 9 | <u>1, 3</u> | | | 14 | <u>1, 2</u> | |
| 9. | 22 | <u>1, 2, 11</u> | <u>11</u> | 10. | 48 | <u>1, 2, 3, 4, 6, 8, 12,</u> | <u>16</u> |
| | 11 | <u>1, 11</u> | | | | <u>16</u> | |
| | | | | | 32 | <u>1, 2, 4, 8, 16</u> | |
| 11. | 35 | <u>1, 5, 7</u> | <u>7</u> | 12. | 28 | <u>1, 2, 4, 7, 14</u> | <u>14</u> |
| | 21 | <u>1, 3, 7</u> | | | 14 | <u>1, 2, 7, 14</u> | |
| 13. | 30 | <u>1, 2, 3, 5</u> | <u>5</u> | 14. | 7 | <u>1, 7</u> | <u>7</u> |
| | 35 | <u>1, 5</u> | | | 14 | <u>1, 2, 7</u> | |
| 15. | 14 | <u>1, 2, 7, 14</u> | <u>14</u> | 16. | 40 | <u>1, 2</u> | <u>2</u> |
| | 42 | <u>1, 2, 3, 6, 7, 14</u> | | | 18 | <u>1, 2</u> | |