



Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 35 _____
10 _____

2. 36 _____
8 _____

3. 46 _____
16 _____

4. 44 _____
33 _____

5. 5 _____
25 _____

6. 7 _____
42 _____

7. 14 _____
35 _____

8. 42 _____
27 _____

9. 40 _____
20 _____

10. 22 _____
11 _____

11. 48 _____

24 _____

12. 14 _____
48 _____

13. 2 _____
44 _____

14. 33 _____
22 _____

15. 33 _____
11 _____

16. 10 _____
20 _____

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Find the greatest common factor.

- | | | | | | | | |
|-----|----|------------------------------|-----------|-----|----|-----------------------|-----------|
| 1. | 35 | <u>1, 5</u> | <u>5</u> | 2. | 36 | <u>1, 2, 3, 4</u> | <u>4</u> |
| | 10 | <u>1, 2, 5</u> | | | 8 | <u>1, 2, 4</u> | |
| 3. | 46 | <u>1, 2</u> | <u>2</u> | 4. | 44 | <u>1, 2, 4, 11</u> | <u>11</u> |
| | 16 | <u>1, 2</u> | | | 33 | <u>1, 3, 11</u> | |
| 5. | 5 | <u>1, 5</u> | <u>5</u> | 6. | 7 | <u>1, 7</u> | <u>7</u> |
| | 25 | <u>1, 5</u> | | | 42 | <u>1, 2, 3, 6, 7</u> | |
| 7. | 14 | <u>1, 2, 7</u> | <u>7</u> | 8. | 42 | <u>1, 2, 3</u> | <u>3</u> |
| | 35 | <u>1, 5, 7</u> | | | 27 | <u>1, 3</u> | |
| 9. | 40 | <u>1, 2, 4, 5, 8, 10, 20</u> | <u>20</u> | 10. | 22 | <u>1, 2, 11</u> | <u>11</u> |
| | 20 | <u>1, 2, 4, 5, 10, 20</u> | | | 11 | <u>1, 11</u> | |
| 11. | 48 | <u>1, 2, 3, 4, 6, 8, 12,</u> | <u>24</u> | 12. | 14 | <u>1, 2</u> | <u>2</u> |
| | | <u>16, 24</u> | | | 48 | <u>1, 2</u> | |
| | 24 | <u>1, 2, 3, 4, 6, 8, 12,</u> | | | | | |
| | | <u>24</u> | | | | | |
| 13. | 2 | <u>1, 2</u> | <u>2</u> | 14. | 33 | <u>1, 3, 11</u> | <u>11</u> |
| | 44 | <u>1, 2</u> | | | 22 | <u>1, 2, 11</u> | |
| 15. | 33 | <u>1, 3, 11</u> | <u>11</u> | 16. | 10 | <u>1, 2, 5, 10</u> | <u>10</u> |
| | 11 | <u>1, 11</u> | | | 20 | <u>1, 2, 4, 5, 10</u> | |