

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

- | | |
|--------------------------|--------------------------|
| 1) 12 _____
30 _____ | 2) 44 _____
2 _____ |
| 3) 33 _____
22 _____ | 4) 35 _____
30 _____ |
| 5) 21 _____
36 _____ | 6) 20 _____
16 _____ |
| 7) 30 _____
44 _____ | 8) 30 _____
3 _____ |
| 9) 22 _____
11 _____ | 10) 28 _____
21 _____ |
| 11) 14 _____
21 _____ | 12) 6 _____
18 _____ |
| 13) 9 _____
21 _____ | 14) 22 _____
44 _____ |
| 15) 21 _____
35 _____ | 16) 30 _____
35 _____ |

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Find the greatest common factor of the two numbers shown.

- | | | | |
|----------------------------|-----------|----------------------------|-----------|
| 1) 12 <u>1, 2, 3, 4, 6</u> | <u>6</u> | 2) 44 <u>1, 2</u> | <u>2</u> |
| 30 <u>1, 2, 3, 5, 6</u> | | 2 <u>1, 2</u> | |
| 3) 33 <u>1, 3, 11</u> | <u>11</u> | 4) 35 <u>1, 5</u> | <u>5</u> |
| 22 <u>1, 2, 11</u> | | 30 <u>1, 2, 3, 5</u> | |
| 5) 21 <u>1, 3</u> | <u>3</u> | 6) 20 <u>1, 2, 4</u> | <u>4</u> |
| 36 <u>1, 2, 3</u> | | 16 <u>1, 2, 4</u> | |
| 7) 30 <u>1, 2</u> | <u>2</u> | 8) 30 <u>1, 2, 3</u> | <u>3</u> |
| 44 <u>1, 2</u> | | 3 <u>1, 3</u> | |
| 9) 22 <u>1, 2, 11</u> | <u>11</u> | 10) 28 <u>1, 2, 4, 7</u> | <u>7</u> |
| 11 <u>1, 11</u> | | 21 <u>1, 3, 7</u> | |
| 11) 14 <u>1, 2, 7</u> | <u>7</u> | 12) 6 <u>1, 2, 3, 6</u> | <u>6</u> |
| 21 <u>1, 3, 7</u> | | 18 <u>1, 2, 3, 6</u> | |
| 13) 9 <u>1, 3</u> | <u>3</u> | 14) 22 <u>1, 2, 11, 22</u> | <u>22</u> |
| 21 <u>1, 3</u> | | 44 <u>1, 2, 4, 11, 22</u> | |
| 15) 21 <u>1, 3, 7</u> | <u>7</u> | 16) 30 <u>1, 2, 3, 5</u> | <u>5</u> |
| 35 <u>1, 5, 7</u> | | 35 <u>1, 5</u> | |