

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 27 \\ 15 \end{array}$ _____

2) $\begin{array}{r} 21 \\ 39 \end{array}$ _____

3) $\begin{array}{r} 30 \\ 40 \end{array}$ _____

4) $\begin{array}{r} 33 \\ 11 \end{array}$ _____

5) $\begin{array}{r} 30 \\ 20 \end{array}$ _____

6) $\begin{array}{r} 38 \\ 18 \end{array}$ _____

7) $\begin{array}{r} 20 \\ 35 \end{array}$ _____

8) $\begin{array}{r} 21 \\ 49 \end{array}$ _____

9) $\begin{array}{r} 6 \\ 9 \end{array}$ _____

10) $\begin{array}{r} 42 \\ 24 \end{array}$ _____

11) $\begin{array}{r} 42 \\ 30 \end{array}$ _____

12) $\begin{array}{r} 45 \\ 48 \end{array}$ _____

13) $\begin{array}{r} 18 \\ 2 \end{array}$ _____

14) $\begin{array}{r} 15 \\ 5 \end{array}$ _____

15) $\begin{array}{r} 33 \\ 39 \end{array}$ _____

16) $\begin{array}{r} 14 \\ 20 \end{array}$ _____

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

- | | |
|--|---|
| 1) 27 <u>1, 3</u>
15 <u>1, 3</u>
<u>3</u> | 2) 21 <u>1, 3</u>
39 <u>1, 3</u>
<u>3</u> |
| 3) 30 <u>1, 2, 3, 5, 6, 10</u>
40 <u>1, 2, 4, 5, 8, 10</u>
<u>10</u> | 4) 33 <u>1, 3, 11</u>
11 <u>1, 11</u>
<u>11</u> |
| 5) 30 <u>1, 2, 3, 5, 6, 10</u>
20 <u>1, 2, 4, 5, 10</u>
<u>10</u> | 6) 38 <u>1, 2</u>
18 <u>1, 2</u>
<u>2</u> |
| 7) 20 <u>1, 2, 4, 5</u>
35 <u>1, 5</u>
<u>5</u> | 8) 21 <u>1, 3, 7</u>
49 <u>1, 7</u>
<u>7</u> |
| 9) 6 <u>1, 2, 3</u>
9 <u>1, 3</u>
<u>3</u> | 10) 42 <u>1, 2, 3, 6</u>
24 <u>1, 2, 3, 4, 6</u>
<u>6</u> |
| 11) 42 <u>1, 2, 3, 6</u>
30 <u>1, 2, 3, 5, 6</u>
<u>6</u> | 12) 45 <u>1, 3</u>
48 <u>1, 2, 3</u>
<u>3</u> |
| 13) 18 <u>1, 2</u>
2 <u>1, 2</u>
<u>2</u> | 14) 15 <u>1, 3, 5</u>
5 <u>1, 5</u>
<u>5</u> |
| 15) 33 <u>1, 3</u>
39 <u>1, 3</u>
<u>3</u> | 16) 14 <u>1, 2</u>
20 <u>1, 2</u>
<u>2</u> |