

Greatest common factor of 2 numbers (2-100)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) 24 _____
20 _____

2) 33 _____
55 _____

3) 40 _____
32 _____

4) 100 _____
24 _____

5) 54 _____
63 _____

6) 24 _____
75 _____

7) 42 _____
21 _____

8) 6 _____
72 _____

9) 24 _____
44 _____

10) 90 _____
63 _____

11) 99 _____
87 _____

12) 75 _____
15 _____

13) 80 _____
24 _____

14) 81 _____
36 _____

15) 28 _____
88 _____

16) 63 _____
35 _____

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Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

- | | |
|--|--|
| 1) 24 <u>1, 2, 3, 4</u>
20 <u>1, 2, 4</u>
<u>4</u> | 2) 33 <u>1, 3, 11</u>
55 <u>1, 5, 11</u>
<u>11</u> |
| 3) 40 <u>1, 2, 4, 5, 8</u>
32 <u>1, 2, 4, 8</u>
<u>8</u> | 4) 100 <u>1, 2, 4</u>
24 <u>1, 2, 3, 4</u>
<u>4</u> |
| 5) 54 <u>1, 2, 3, 6, 9</u>
63 <u>1, 3, 7, 9</u>
<u>9</u> | 6) 24 <u>1, 2, 3</u>
75 <u>1, 3</u>
<u>3</u> |
| 7) 42 <u>1, 2, 3, 6, 7, 14, 21</u>
21 <u>1, 3, 7, 21</u>
<u>21</u> | 8) 6 <u>1, 2, 3, 6</u>
72 <u>1, 2, 3, 4, 6</u>
<u>6</u> |
| 9) 24 <u>1, 2, 3, 4</u>
44 <u>1, 2, 4</u>
<u>4</u> | 10) 90 <u>1, 2, 3, 5, 6, 9</u>
63 <u>1, 3, 7, 9</u>
<u>9</u> |
| 11) 99 <u>1, 3</u>
87 <u>1, 3</u>
<u>3</u> | 12) 75 <u>1, 3, 5, 15</u>
15 <u>1, 3, 5, 15</u>
<u>15</u> |
| 13) 80 <u>1, 2, 4, 5, 8</u>
24 <u>1, 2, 3, 4, 6, 8</u>
<u>8</u> | 14) 81 <u>1, 3, 9</u>
36 <u>1, 2, 3, 4, 6, 9</u>
<u>9</u> |
| 15) 28 <u>1, 2, 4</u>
88 <u>1, 2, 4</u>
<u>4</u> | 16) 63 <u>1, 3, 7</u>
35 <u>1, 5, 7</u>
<u>7</u> |