

Greatest common factor of 2 numbers (2-1,000)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\frac{27}{900}$ _____ 2) $\frac{25}{125}$ _____

3) $\frac{21}{70}$ _____ 4) $\frac{711}{303}$ _____

5) $\frac{320}{385}$ _____ 6) $\frac{84}{618}$ _____

7) $\frac{88}{72}$ _____ 8) $\frac{210}{49}$ _____

9) $\frac{320}{155}$ _____ 10) $\frac{24}{153}$ _____

11) $\frac{64}{98}$ _____ 12) $\frac{600}{124}$ _____

13) $\frac{72}{424}$ _____ 14) $\frac{114}{264}$ _____

15) $\frac{80}{105}$ _____ 16) $\frac{112}{204}$ _____

Greatest common factor of 2 numbers (2-1,000)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

- | | | | | | |
|---------------|--|----------|----------------|---|-----------|
| 1) 27
900 | <u>1, 3, 9</u>
<u>1, 2, 3, 4, 5, 6, 9</u> | <u>9</u> | 2) 25
125 | <u>1, 5, 25</u>
<u>1, 5, 25</u> | <u>25</u> |
| 3) 21
70 | <u>1, 3, 7</u>
<u>1, 2, 5, 7</u> | <u>7</u> | 4) 711
303 | <u>1, 3</u>
<u>1, 3</u> | <u>3</u> |
| 5) 320
385 | <u>1, 2, 4, 5</u>
<u>1, 5</u> | <u>5</u> | 6) 84
618 | <u>1, 2, 3, 4, 6</u>
<u>1, 2, 3, 6</u> | <u>6</u> |
| 7) 88
72 | <u>1, 2, 4, 8</u>
<u>1, 2, 3, 4, 6, 8</u> | <u>8</u> | 8) 210
49 | <u>1, 2, 3, 5, 6, 7</u>
<u>1, 7</u> | <u>7</u> |
| 9) 320
155 | <u>1, 2, 4, 5</u>
<u>1, 5</u> | <u>5</u> | 10) 24
153 | <u>1, 2, 3</u>
<u>1, 3</u> | <u>3</u> |
| 11) 64
98 | <u>1, 2</u>
<u>1, 2</u> | <u>2</u> | 12) 600
124 | <u>1, 2, 3, 4</u>
<u>1, 2, 4</u> | <u>4</u> |
| 13) 72
424 | <u>1, 2, 3, 4, 6, 8</u>
<u>1, 2, 4, 8</u> | <u>8</u> | 14) 114
264 | <u>1, 2, 3, 6</u>
<u>1, 2, 3, 4, 6</u> | <u>6</u> |
| 15) 80
105 | <u>1, 2, 4, 5</u>
<u>1, 3, 5</u> | <u>5</u> | 16) 112
204 | <u>1, 2, 4</u>
<u>1, 2, 3, 4</u> | <u>4</u> |