


Greatest Common Factor Puzzle

Directions : Cut out the squares. Complete the puzzle by matching the question side of one square to the side of another square with the correct answer. If a square has a blank side, that side does not have a match. Ignore the letters in the center of the squares for now. Eventually, your teacher will show you how to read the secret message.

<p>GCF of 30 & 75</p> <p>11</p> <p>N</p> <p>18</p> <p>8</p>	<p>7</p> <p>T!</p> <p>20</p> <p>GCF of 55 & 33</p>	<p>8</p> <p>A</p> <p>GCF of 30 & 72</p>	<p>G</p> <p>GCF of 63 & 28</p> <p>GCF of 28 & 32</p>
<p>GCF of 40 & 64</p> <p>9</p> <p>O</p> <p>5</p> <p>GCF of 48 & 32</p>	<p>GCF of 15 & 25</p> <p>6</p> <p>W</p> <p>GCF of 51 & 34</p>	<p>4</p> <p>R</p> <p>15</p> <p>12</p>	<p>GCF of 24 & 36</p> <p>E</p> <p>GCF of 63 & 36</p> <p>GCF of 24 & 32</p>
<p>GCF of 54 & 42</p> <p>17</p> <p>E</p> <p>GCF of 72 & 45</p>	<p>6</p> <p>R</p> <p>6</p> <p>GCF of 45 & 35</p>	<p>27</p> <p>!</p> <p>9</p>	<p>3</p> <p>X</p> <p>5</p> <p>GCF of 27 & 54</p>
<p>GCF of 40 & 60</p> <p>G</p> <p>9</p> <p>GCF of 13 & 26</p> <p>GCF of 36 & 54</p>	<p>GCF of 18 & 27</p> <p>O</p> <p>14</p> <p>GCF of 18 & 24</p>	<p>4</p> <p>A</p> <p>GCF of 42 & 14</p> <p>GCF of 15 & 12</p>	<p>13</p> <p>L</p> <p>GCF of 12 & 16</p>

Greatest Common Factor Puzzle

Directions for Checking : Start in the top, left corner, and read DOWN each column from left to right. The message reads "Great! Now go relax!" The Slanted pieces form the left border, to distinguish the positions of the G, R, E, and A, which are duplicate letters.

 GCF of 28 & 32 GCF of 63 & 28	7  GCF of 55 & 33 20	9  GCF of 40 & 60 GCF of 13 & 26	13  GCF of 12 & 16
4  12 15 GCF of 30 & 75	11  8 18 GCF of 36 & 54	GCF of 18 & 27  GCF of 18 & 24 14	4  GCF of 15 & 12 GCF of 42 & 14
GCF of 24 & 36  GCF of 24 & 32 GCF of 63 & 36	GCF of 40 & 64  5 9 GCF of 48 & 32	6  6 16 GCF of 45 & 35	3  GCF of 27 & 54 5
8  GCF of 30 & 72	GCF of 15 & 25  6 17 GCF of 51 & 34	GCF of 54 & 42  GCF of 72 & 45	27  9

Name _____

Greatest Common Factor Puzzle

Directions : Place your squares in the grid. Once you are sure they have been placed correctly, glue or tape them in place.
