

Name: _____



Finding the Greatest Common Factor (GCF)

Directions: Find the GCF of each pair of numbers below.

1.) **27** _____ **GCF**
9 _____

7.) **65** _____ **GCF**
70 _____

2.) **44** _____ **GCF**
48 _____

8.) **60** _____ **GCF**
54 _____

3.) **8** _____ **GCF**
64 _____

9.) **8** _____ **GCF**
88 _____

4.) **33** _____ **GCF**
36 _____

10.) **100** _____ **GCF**
56 _____

5.) **25** _____ **GCF**
50 _____

11.) **12** _____ **GCF**
54 _____

6.) **80** _____ **GCF**
25 _____

12.) **57** _____ **GCF**
39 _____

ANSWER KEY

- | | | | |
|--|-----------|---|----------|
| 1.) 27 <u>1, 3, 9, 27</u> | GCF | 7.) 65 <u>1, 5, 13, 65</u> | GCF |
| 9 <u>1, 3, 9</u> | <u>9</u> | 70 <u>1, 2, 5, 7, 10, 14, 35, 70</u> | <u>5</u> |
| 2.) 44 <u>1, 2, 4, 11, 22, 44</u> | GCF | 8.) 60 <u>1, 2, 3, 4, 5, 6, 10, 12, 15, 20,</u> | GCF |
| 48 <u>1, 2, 3, 4, 6, 8, 12, 16, 24, 48</u> | <u>4</u> | <u>30, 60</u> | <u>6</u> |
| | | 54 <u>1, 2, 3, 6, 9, 18, 27, 54</u> | |
| 3.) 8 <u>1, 2, 4, 8</u> | GCF | 9.) 8 <u>1, 2, 4, 8</u> | GCF |
| 64 <u>1, 2, 4, 8, 16, 32, 64</u> | <u>8</u> | 88 <u>1, 2, 4, 8, 11, 22, 44, 88</u> | <u>8</u> |
| 4.) 33 <u>1, 3, 11, 33</u> | GCF | 10.) 100 <u>1, 2, 4, 5, 10, 20, 25, 50, 100</u> | GCF |
| 36 <u>1, 2, 3, 4, 6, 9, 12, 18, 36</u> | <u>3</u> | 56 <u>1, 2, 4, 7, 8, 14, 28, 56</u> | <u>4</u> |
| 5.) 25 <u>1, 5, 25</u> | GCF | 11.) 12 <u>1, 2, 3, 4, 6, 12</u> | GCF |
| 50 <u>1, 2, 5, 25, 50</u> | <u>25</u> | 54 <u>1, 2, 3, 6, 9, 18, 27, 54</u> | <u>6</u> |
| 6.) 80 _____ | GCF | 12.) 57 <u>1, 3, 19, 57</u> | GCF |
| 25 _____ | <u>10</u> | 39 <u>1, 3, 13, 39</u> | <u>3</u> |