

Greatest common factor of 2 numbers (2-100)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 78 _____
66 _____

2. 45 _____
36 _____

3. 32 _____
68 _____

4. 60 _____
70 _____

5. 70 _____
49 _____

6. 77 _____
55 _____

7. 33 _____
88 _____

8. 44 _____
74 _____

9. 42 _____
24 _____

10. 28 _____
50 _____

11. 50 _____
10 _____

12. 70 _____
10 _____

13. 96 _____
72 _____

14. 48 _____
81 _____

15. 12 _____
42 _____

16. 14 _____
70 _____

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Find the greatest common factor.

- | | | | | | | | |
|-----|----|---------------------------------|-----------|-----|----|-----------------------------|-----------|
| 1. | 78 | <u>1, 2, 3, 6</u> | <u>6</u> | 2. | 45 | <u>1, 3, 5, 9</u> | <u>9</u> |
| | 66 | <u>1, 2, 3, 6</u> | | | 36 | <u>1, 2, 3, 4, 6, 9</u> | |
| 3. | 32 | <u>1, 2, 4</u> | <u>4</u> | 4. | 60 | <u>1, 2, 3, 4, 5, 6, 10</u> | <u>10</u> |
| | 68 | <u>1, 2, 4</u> | | | 70 | <u>1, 2, 5, 7, 10</u> | |
| 5. | 70 | <u>1, 2, 5, 7</u> | <u>7</u> | 6. | 77 | <u>1, 7, 11</u> | <u>11</u> |
| | 49 | <u>1, 7</u> | | | 55 | <u>1, 5, 11</u> | |
| 7. | 33 | <u>1, 3, 11</u> | <u>11</u> | 8. | 44 | <u>1, 2</u> | <u>2</u> |
| | 88 | <u>1, 2, 4, 8, 11</u> | | | 74 | <u>1, 2</u> | |
| 9. | 42 | <u>1, 2, 3, 6</u> | <u>6</u> | 10. | 28 | <u>1, 2</u> | <u>2</u> |
| | 24 | <u>1, 2, 3, 4, 6</u> | | | 50 | <u>1, 2</u> | |
| 11. | 50 | <u>1, 2, 5, 10</u> | <u>10</u> | 12. | 70 | <u>1, 2, 5, 7, 10</u> | <u>10</u> |
| | 10 | <u>1, 2, 5, 10</u> | | | 10 | <u>1, 2, 5, 10</u> | |
| 13. | 96 | <u>1, 2, 3, 4, 6, 8, 12,</u> | <u>24</u> | 14. | 48 | <u>1, 2, 3</u> | <u>3</u> |
| | | <u>16, 24</u> | | | 81 | <u>1, 3</u> | |
| | 72 | <u>1, 2, 3, 4, 6, 8, 9, 12,</u> | | | | | |
| | | <u>18, 24</u> | | | | | |
| 15. | 12 | <u>1, 2, 3, 4, 6</u> | <u>6</u> | 16. | 14 | <u>1, 2, 7, 14</u> | <u>14</u> |
| | 42 | <u>1, 2, 3, 6</u> | | | 70 | <u>1, 2, 5, 7, 10, 14</u> | |