



# Greatest common factor of 2 numbers (2-200)

## Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

|             |             |
|-------------|-------------|
| 1) 33 _____ | 2) 36 _____ |
| 96 _____    | 63 _____    |

|              |            |
|--------------|------------|
| 3) 112 _____ | 4) 7 _____ |
| 44 _____     | 84 _____   |

|              |              |
|--------------|--------------|
| 5) 120 _____ | 6) 111 _____ |
| 110 _____    | 99 _____     |

|             |             |
|-------------|-------------|
| 7) 66 _____ | 8) 88 _____ |
| 90 _____    | 143 _____   |

|             |              |
|-------------|--------------|
| 9) 40 _____ | 10) 65 _____ |
| 24 _____    | 180 _____    |

|              |              |
|--------------|--------------|
| 11) 36 _____ | 12) 84 _____ |
| 81 _____     | 66 _____     |

|               |              |
|---------------|--------------|
| 13) 156 _____ | 14) 50 _____ |
| 66 _____      | 125 _____    |

|               |              |
|---------------|--------------|
| 15) 105 _____ | 16) 12 _____ |
| 28 _____      | 72 _____     |



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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 33 \quad \underline{1, 3} \quad 3 \\ 96 \quad \underline{1, 2, 3} \end{array} \quad \begin{array}{l} 2) \quad 36 \quad \underline{1, 2, 3, 4, 6, 9} \quad 9 \\ 63 \quad \underline{1, 3, 7, 9} \end{array}$$

$$\begin{array}{l} 3) \quad 112 \quad \underline{1, 2, 4} \quad 4 \\ 44 \quad \underline{1, 2, 4} \end{array} \quad \begin{array}{l} 4) \quad 7 \quad \underline{1, 7} \quad 7 \\ 84 \quad \underline{1, 2, 3, 4, 6, 7} \end{array}$$

$$\begin{array}{l} 5) \quad 120 \quad \underline{1, 2, 3, 4, 5, 6, 8, 10} \quad 10 \\ 110 \quad \underline{1, 2, 5, 10} \end{array} \quad \begin{array}{l} 6) \quad 111 \quad \underline{1, 3} \quad 3 \\ 99 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{l} 7) \quad 66 \quad \underline{1, 2, 3, 6} \quad 6 \\ 90 \quad \underline{1, 2, 3, 5, 6} \end{array} \quad \begin{array}{l} 8) \quad 88 \quad \underline{1, 2, 4, 8, 11} \quad 11 \\ 143 \quad \underline{1, 11} \end{array}$$

$$\begin{array}{l} 9) \quad 40 \quad \underline{1, 2, 4, 5, 8} \quad 8 \\ 24 \quad \underline{1, 2, 3, 4, 6, 8} \end{array} \quad \begin{array}{l} 10) \quad 65 \quad \underline{1, 5} \quad 5 \\ 180 \quad \underline{1, 2, 3, 4, 5} \end{array}$$

$$\begin{array}{l} 11) \quad 36 \quad \underline{1, 2, 3, 4, 6, 9} \quad 9 \\ 81 \quad \underline{1, 3, 9} \end{array} \quad \begin{array}{l} 12) \quad 84 \quad \underline{1, 2, 3, 4, 6} \quad 6 \\ 66 \quad \underline{1, 2, 3, 6} \end{array}$$

$$\begin{array}{l} 13) \quad 156 \quad \underline{1, 2, 3, 4, 6} \quad 6 \\ 66 \quad \underline{1, 2, 3, 6} \end{array} \quad \begin{array}{l} 14) \quad 50 \quad \underline{1, 2, 5, 10, 25} \quad 25 \\ 125 \quad \underline{1, 5, 25} \end{array}$$

$$\begin{array}{l} 15) \quad 105 \quad \underline{1, 3, 5, 7} \quad 7 \\ 28 \quad \underline{1, 2, 4, 7} \end{array} \quad \begin{array}{l} 16) \quad 12 \quad \underline{1, 2, 3, 4, 6, 12} \quad 12 \\ 72 \quad \underline{1, 2, 3, 4, 6, 8, 9, 12} \end{array}$$