

Name:
Grade:

Date:

Find the greatest common factor

1) $\frac{6}{9}$ 2, 3 3 2) $\frac{7}{14}$ None 7
3 2, 7

3) $\frac{6}{18}$ 2, 3 6 4) $\frac{6}{8}$ 2 2
2, 3, 6 2

5) $\frac{9}{18}$ 3 9 6) $\frac{10}{8}$ 2 2
2, 3, 6, 9 2

7) $\frac{18}{6}$ 2, 3, 6 6 8) $\frac{12}{16}$ 2, 3, 4 4
2, 3 2, 4

9) $\frac{16}{12}$ 2, 4 4 10) $\frac{9}{6}$ 3 3
2, 3, 4 2, 3

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1) $\frac{10}{20}$ $\frac{2, 5}{2, 4, 5, 10}$ $\frac{10}{}$ 2) $\frac{10}{35}$ $\frac{2, 5}{5}$ $\frac{5}{}$

3) $\frac{54}{21}$ $\frac{2, 3}{3}$ $\frac{3}{}$ 4) $\frac{45}{20}$ $\frac{3, 5}{2, 4, 5}$ $\frac{5}{}$

5) $\frac{21}{28}$ $\frac{3, 7}{2, 4, 7}$ $\frac{7}{}$ 6) $\frac{42}{21}$ $\frac{2, 3, 6, 7, 14, 21}{3, 7}$ $\frac{21}{}$

7) $\frac{45}{54}$ $\frac{3, 5, 9}{2, 3, 6, 9}$ $\frac{9}{}$ 8) $\frac{33}{45}$ $\frac{3}{3}$ $\frac{3}{}$

9) $\frac{16}{10}$ $\frac{2}{2}$ $\frac{2}{}$ 10) $\frac{36}{15}$ $\frac{2, 3}{3}$ $\frac{3}{}$

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- 1) 105 3, 5, 7, 15, 21 21
 63 3, 7, 9, 21
- 2) 120 2, 3 3
 51 3
- 3) 63 3, 7 7
 112 2, 4, 7
- 4) 119 7 7
 112 2, 4, 7
- 5) 77 7, 11 11
 55 5, 11
- 6) 15 3, 5 15
 60 2, 3, 4, 5, 6, 10, 12, 15
- 7) 92 2 2
 110 2
- 8) 42 2, 3, 6, 7, 14, 21 42
 126 2, 3, 6, 7, 9, 14, 18, 21, 42
- 9) 65 5 5
 60 2, 3, 4, 5
- 10) 130 2, 5, 10 10
 140 2, 4, 5, 7, 10

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- 1) $\frac{147 \text{ } \underline{3, 7}}{476 \text{ } \underline{2, 4, 7}}$ 7
- 2) $\frac{378 \text{ } \underline{2}}{278 \text{ } \underline{2}}$ 2
- 3) $\frac{22 \text{ } \underline{2, 11}}{88 \text{ } \underline{2, 4, 8, 11, 22}}$ 22
- 4) $\frac{429 \text{ } \underline{3, 11}}{385 \text{ } \underline{5, 7, 11}}$ 11
- 5) $\frac{462 \text{ } \underline{2, 3, 6, 7, 11, 14, 21, 22, 33, 42, 66}}{330 \text{ } \underline{2, 3, 5, 6, 10, 11, 15, 22, 30, 33, 55, 66}}$ 66
- 6) $\frac{55 \text{ } \underline{5, 11}}{352 \text{ } \underline{2, 4, 8, 11}}$ 11
- 7) $\frac{352 \text{ } \underline{2, 4, 8, 11, 16, 22}}{374 \text{ } \underline{2, 11, 17, 22}}$ 22
- 8) $\frac{34 \text{ } \underline{2}}{232 \text{ } \underline{2}}$ 2
- 9) $\frac{335 \text{ } \underline{5}}{290 \text{ } \underline{2, 5}}$ 5
- 10) $\frac{445 \text{ } \underline{5}}{495 \text{ } \underline{3, 5}}$ 5

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- | | | | |
|-----|-----|---------------------------|-----------|
| 1) | 196 | <u>2, 4, 7, 14</u> | <u>14</u> |
| | 462 | <u>2, 3, 6, 7, 11, 14</u> | |
| 2) | 838 | <u>2</u> | <u>2</u> |
| | 880 | <u>2</u> | |
| 3) | 671 | <u>11</u> | <u>11</u> |
| | 836 | <u>2, 4, 11</u> | |
| 4) | 785 | <u>5</u> | <u>5</u> |
| | 910 | <u>2, 5</u> | |
| 5) | 369 | <u>3</u> | <u>3</u> |
| | 579 | <u>3</u> | |
| 6) | 346 | <u>2</u> | <u>2</u> |
| | 370 | <u>2</u> | |
| 7) | 315 | <u>3, 5, 7, 9, 15</u> | <u>15</u> |
| | 465 | <u>3, 5, 15</u> | |
| 8) | 665 | <u>5</u> | <u>5</u> |
| | 690 | <u>2, 3, 5</u> | |
| 9) | 885 | <u>3, 5</u> | <u>5</u> |
| | 965 | <u>5</u> | |
| 10) | 429 | <u>3, 11</u> | <u>11</u> |
| | 968 | <u>2, 4, 8, 11</u> | |