| Name: | | |
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| | | |



Math worksheet on 'Factoring - Simplifying Fractions with Factors - Composite to Simplified (Level 1)'.

Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Practice'

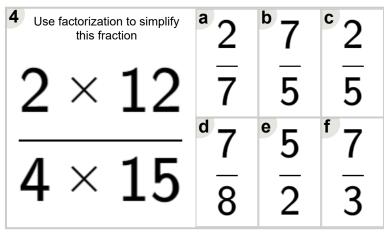
Learn online:

app.mobius.academy/math/units/factoring multiplication division fractions practice/

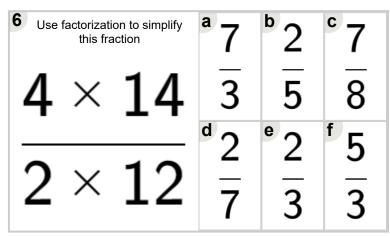
| 1 Use factorization to simplify this fraction | ^a 3 | ^b 2 | ^c 2 |
|---|----------------|----------------|----------------|
| 24 | <u>5</u> | 7 | 3 |
| | ^d 3 | ^e 5 | ^f 3 |
| 6×6 | 4 | 3 | 7 |

| 2 Use factorization to simplify this fraction | ^a 7 | ^b 7 | 2 |
|---|----------------|----------------|----------------|
| 6 × 14 | 2 | 3 | <u>5</u> |
| | ^d 7 | ^e 3 | ^f 5 |
| 9×4 | 8 | 2 | 7 |

| 3 Use factorization to simplify this fraction | ^a 2 | ^b 3 | ^c 5 |
|---|----------------|----------------|----------------|
| 10 × 4 | 3 | <u>5</u> | 3 |
| | ^d 7 | e 2 | ^f 2 |
| 5 × 20 | <u>5</u> | <u>5</u> | 7 |



| 5 Use factorization to simplify this fraction | ^a 3 | ^b 7 | ^c 7 |
|---|----------------|----------------|----------------|
| 9 × 14 | 7 | $\overline{2}$ | <u>5</u> |
| | ^d 2 | e 3 | ^f 2 |
| 30×3 | <u>5</u> | 4 | 3 |



| 7 Use factorization to simplify this fraction | ^a 3 | ^b 2 | ^c 7 |
|---|----------------|----------------|----------------|
| 24 | <u>5</u> | 3 | 8 |
| 10 4 | ^d 3 | e 3 | ^f 5 |
| 10 × 4 | 4 | 7 | 7 |