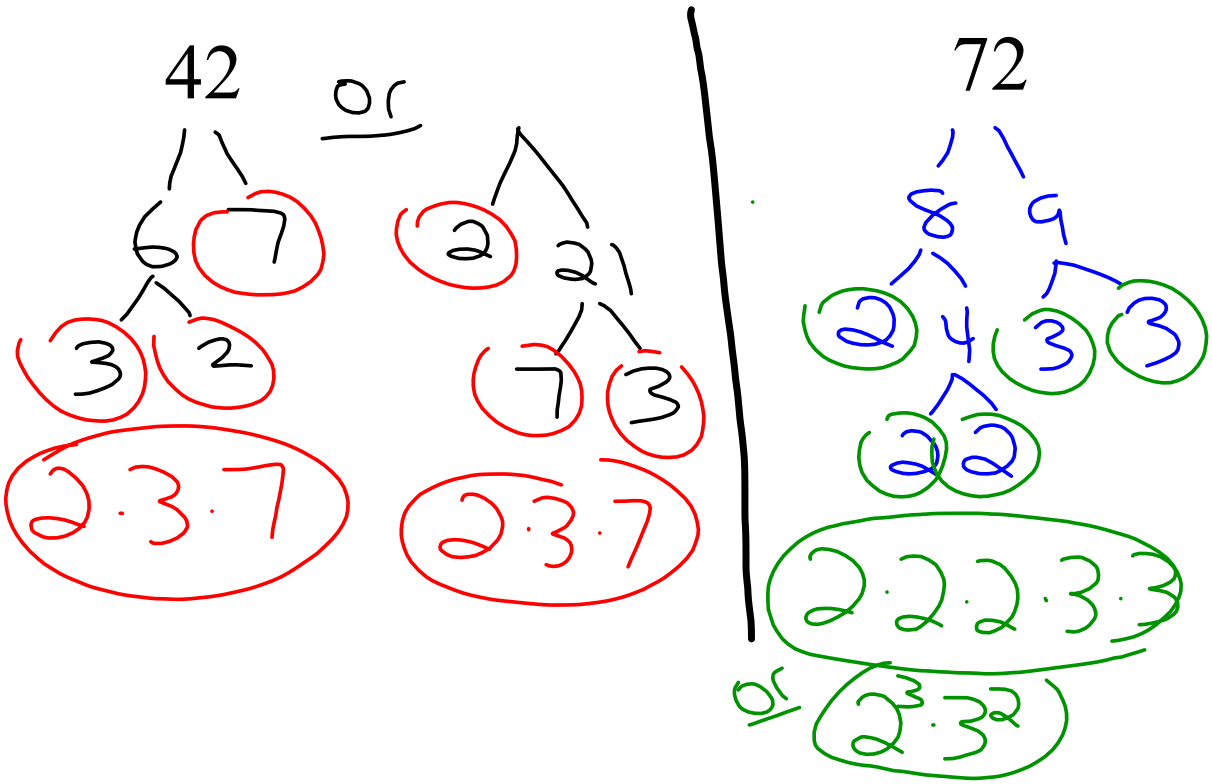
Prime Factorization Quiz

Find the prime factorization.



Equivalent

Different but Equal

Bonjour is Equivalent to Hello

Different but Equal

2 + 8 is Equivalent to 10

Different but Equal

Find five fractions equivalent to $\frac{1}{2}$

$\frac{2}{4}$ $\frac{5}{10}$ $\frac{50}{100}$ $\frac{4}{8}$ $\frac{6}{12}$

Think of your favorite number.....

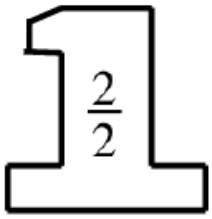
Multiply it by 1.

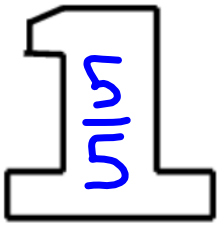
$44 \cdot 1 = 44$ $8 \cdot 1 = 8$ $\frac{1}{2} \cdot 1 = \frac{1}{2}$ $-2 \cdot 1 = -2$

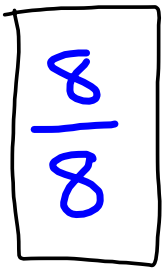
You get the same number!

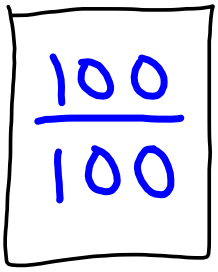
The Giant One

Any fraction with the same numerator and denominator equals one.





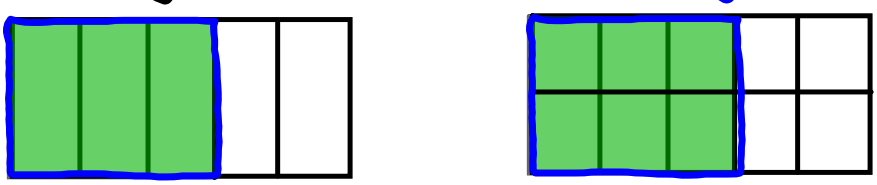




The Giant One

Multiply by a Giant One to get equivalent fractions.

$\frac{3}{5} \cdot \frac{2}{2} = \frac{6}{10}$



Which is larger? $\frac{3}{5}$ or $\frac{6}{10}$? Neither - they're equal.

They're equivalent fractions!

$\frac{3}{5} \cdot \frac{5}{5} = \frac{15}{25}$

Which is larger? $\frac{3}{5}$ or $\frac{15}{25}$? Neither - they're equal.

They're equivalent fractions!

Find three fractions equivalent to $\frac{2}{3}$

$\frac{2}{3} \cdot \boxed{\frac{10}{10}} = \frac{20}{30}$

$\frac{2}{3} \cdot \boxed{\frac{3}{3}} = \frac{6}{9}$

$\frac{2}{3} \cdot \boxed{\frac{100}{100}} = \frac{200}{300}$