

Name: _____

Equivalent Fractions

You can use multiplication to find an equivalent fraction. Multiply by any fraction equal to 1, where the numerator and denominator are the same number.

examples: $\frac{3}{5} \times \frac{4}{4} = \frac{12}{20}$ $\frac{4}{9} \times \frac{2}{2} = \frac{8}{18}$

You can also use division to find an equivalent fraction. Divide by a fraction equal to 1, where the numerator and denominator have a common factor.

examples: $\frac{15}{20} \div \frac{5}{5} = \frac{3}{4}$ $\frac{12}{18} \div \frac{6}{6} = \frac{2}{3}$

Use multiplication to find an equivalent fraction.



Preview

Please log in to download the printable version of this worksheet.

j. $\frac{25}{40}$ _____

k. $\frac{8}{12}$ _____

l. $\frac{20}{55}$ _____

Find *three* equivalent fractions for each fraction shown.

m. $\frac{2}{4}$ _____

n. $\frac{3}{6}$ _____

o. $\frac{4}{12}$ _____

p. $\frac{2}{10}$ _____

- q. Anthony baked two pizzas that were the same size. He kept one for himself and gave one to his sister, Keyarra. Anthony ate $\frac{1}{4}$ of his pizza. Kierra ate $\frac{2}{8}$ of her pizza. Use multiplication or division to show that they both ate the same amount of pizza.

ANSWER KEY

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You can use multiplication to find an equivalent fraction. Multiply by any fraction equal to 1, where the numerator and denominator are the same number.

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examples: $\frac{15}{20} \div \frac{5}{5} = \frac{3}{4}$ $\frac{12}{18} \div \frac{6}{6} = \frac{2}{3}$

Use multiplication to find an equivalent fraction. (Answers will vary.)



Preview
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j. $\frac{25}{40}$ _____

k. $\frac{8}{12}$ _____

l. $\frac{20}{55}$ _____

Find *three* equivalent fractions for each fraction shown. (Answers will vary.)

m. $\frac{2}{4}$ $\frac{1}{2}$ $\frac{4}{8}$ $\frac{8}{16}$ _____

n. $\frac{3}{6}$ _____

o. $\frac{4}{12}$ _____

p. $\frac{2}{10}$ _____

q. Anthony baked two pizzas that were the same size. He kept one for himself and gave one to his sister, Keyarra. Anthony ate $\frac{1}{4}$ of his pizza. Kierra ate $\frac{2}{8}$ of her pizza. Use multiplication or division to show that they both ate the same amount of pizza.

$\frac{1}{4} \times \frac{2}{2} = \frac{2}{8}$ or $\frac{2}{8} \div \frac{2}{2} = \frac{1}{4}$