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.

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. Keyarra ate $\frac{2}{8}$ of her pizza. Use multiplication or division to show that they both ate the same amount of pizza.

_____

ANSWER KEY

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.

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

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

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