Equivalent Ratios-Proportions

Name _____
Date _____

Some ratios have the same quotient as other ratios. When two ratios have the same quotient, they are called a **proportion.**

1. Find the quotient for each ratio in the pair. Tell if the two ratios are a **proportion.**

A. $\frac{5}{10}$, $\frac{6}{12}$

B. $\frac{8}{10}$, $\frac{4}{5}$

C. $\frac{3}{4}$, $\frac{5}{6}$

2. Find the cross products for each ratio in the pair. Tell if the two ratios are a **proportion.**

A. $\frac{7}{21}$ $\frac{8}{12}$

B. $\frac{4}{32}$ $\frac{5}{40}$

C. $\frac{8}{10}$ $\frac{12}{15}$

3. Find a number that produces the same quotient or equal cross products, so you will have a **proportion**.

A. $\frac{4}{6} = \frac{12}{?}$

B. $\frac{?}{4} = \frac{15}{6}$

C. $\frac{12}{20} = \frac{?}{5}$

4. List three ratios that are in proportion to $\frac{3}{5}$