3 - 6 Ratios and Proportions

ratio: a comparison of two **

proportion: an equation stating *

Determine whether the following ratios form a proportion.

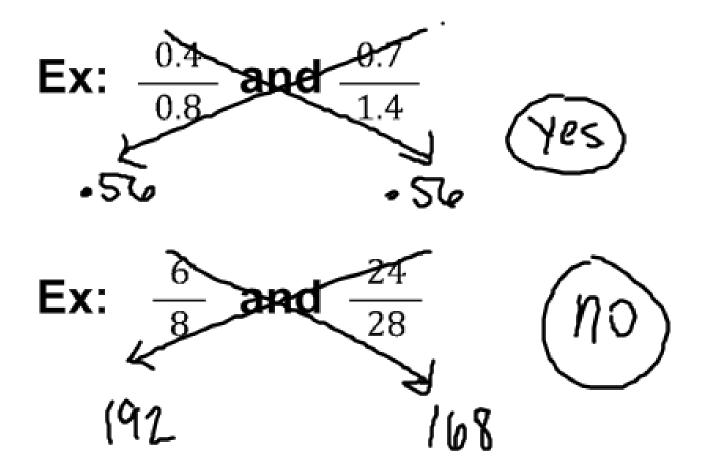


Ex:
$$\frac{4}{5}$$
 and $\frac{24}{30} \div 6$ $\frac{4}{5}$

**check by simplifying each

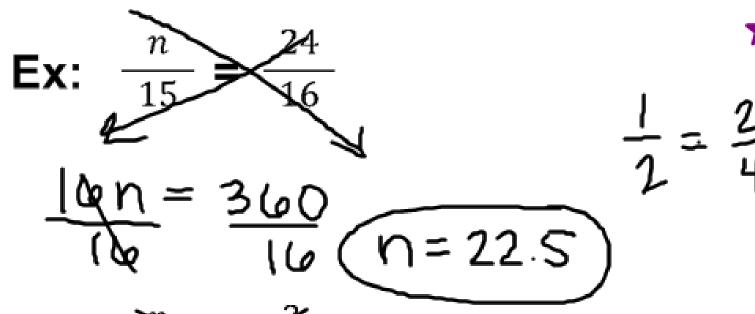
Determine whether the following ratios form a proportion.





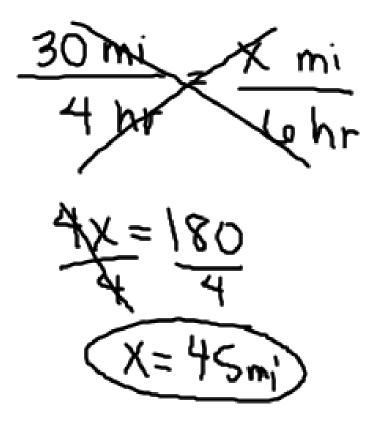
Solve the following proportions.

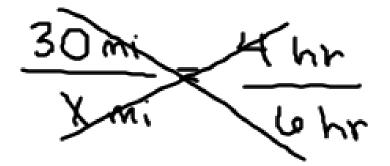




Ex: Trent goes on a 30-mile bike ride every Saturday. He rides the distance in 4 hours. At this rate, how far can he ride in 6 hours?



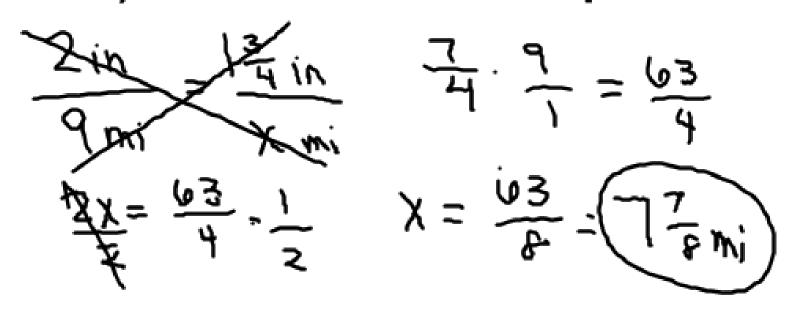




Ex: The scale of a map for Crater

Lake National Park is

2 inches = 9 miles. The distance
between Discovery Point and
Phantom Ship Overlook on the map
is $1\frac{3}{4}$ inches. What is the distance (in
miles) between these two points?





Homework:

p.158 #12 - 30 even (skip 18), 31 - 33