6.2 Use Proportions to Solve Geometry Problems

Properties of Proportions

\[ \frac{2}{3} = \frac{4}{6} \]

_________ ______________ are equal

_________ ______________ are equal

Can ______________ numbers along a __________

Can add the ______________ to the __________

\[ \frac{MN}{RS} = \frac{NP}{ST} \] Find \( x \).

\[ \frac{DE}{AC} = \frac{BE}{BC} \] find \( AC \).

Two cities are 96 miles from each other. The cities are 4 inches apart on a map. Find the scale of the map.

Assignment: 367 #2-18 even, 22-28 even, 38, 39 = 15

Extra Credit: 370 #2, 6 = +2