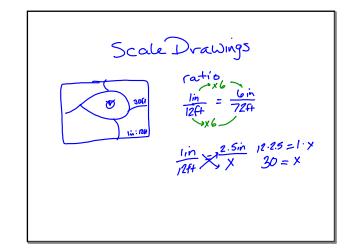
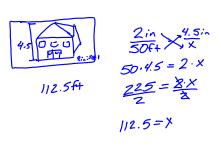
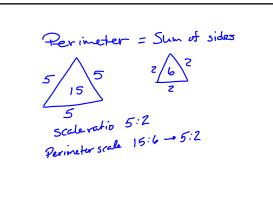
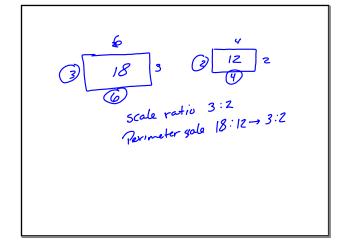
84 Proportions
and Scale Drawings

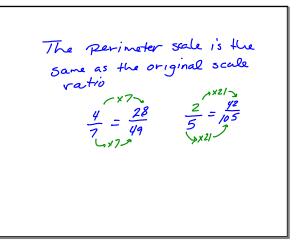
Proportions
two ratios that are equal a = G b = d

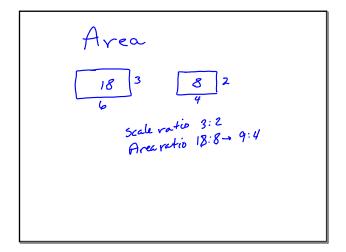












The Area scale is equal to
the square of the original
scale ratio

$$\frac{7}{9} = \frac{49}{81}$$

$$\frac{3^2}{7^2} = \frac{98}{98}$$

$$\frac{9}{49} = \frac{18}{98}$$
has