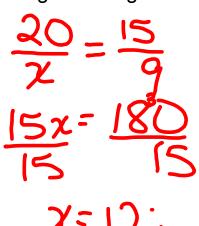
1. You want to draw a scale drawing of your calculator. The calculator is 8in long and you want to draw the calculator five times bigger. How big should you draw the calculator?

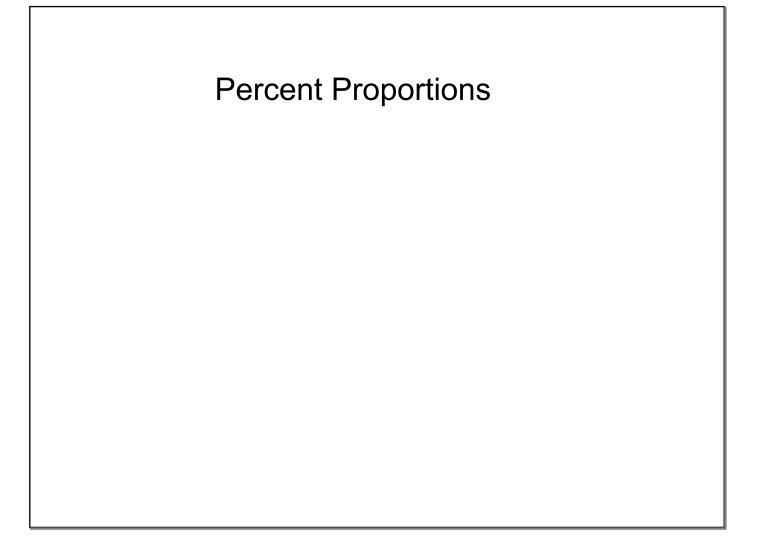
2. You now want to take the same calculator, but now you want to make it 3/4 of the size. How big should you draw the calculator?



3. The two shapes are similar.

Find the missing side length





How to solve percent problems using proportions

$$\frac{\text{Jis}}{\text{of}} = \frac{\%}{100}$$

What is 20% of 34?

$$\frac{is}{of} = \frac{\%}{100}$$
of $\frac{200}{100}$

$$\frac{200}{200}$$

$$\frac{200}{100}$$

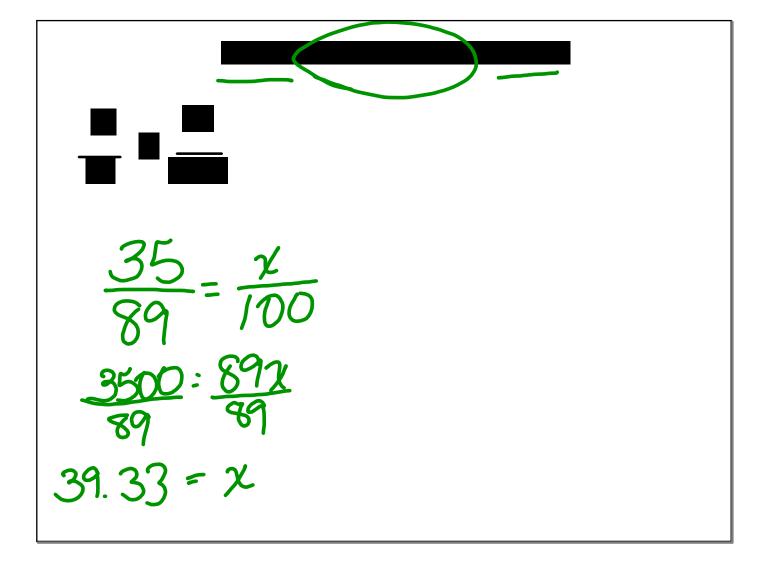
$$\frac$$

$$\frac{17 \text{ is } 43\% \text{ of what number?}}{\frac{18}{100}} = \frac{\%}{100}$$

$$\frac{17}{17} \times \frac{43}{100}$$

$$\frac{17}{100} \times \frac{43}{100} = \frac{1700}{43}$$

$$\frac{43}{100} \times \frac{1700}{43}$$



$$\frac{32}{110} = \frac{x}{100}$$

$$\frac{10x}{100} = \frac{2200}{110}$$

$$\frac{32}{110} = \frac{x}{110}$$

$$\frac{32}{110} = \frac{$$

