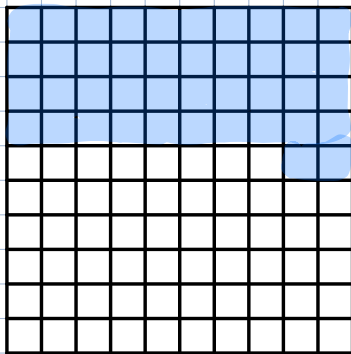


11/18/19

Be able to solve percent problems using proportions.

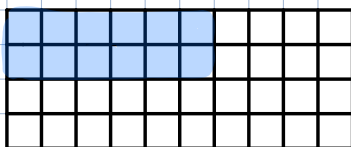


$$\frac{42}{100}$$

$$.42$$

$$42\%$$

Percent
for Each 100



$$\frac{12}{40} = \frac{3}{10}$$

$$.3$$

$$30\%$$

$$\frac{12}{40} = \frac{x}{100}$$

$$\frac{3}{10} = \frac{x}{100}$$

$$\frac{\text{(is) part}}{\text{(of) whole}} = \frac{\text{percent}}{100}$$

What is 75% of 14?

$$\frac{x}{14} = \frac{75}{100}$$

$$100x = 1050$$

$$x = 10.5$$

Forty-two is 11.5% of what number?

$$\frac{42}{x} = \frac{11.5}{100}$$

$$x = 365.22$$

Seventy-six is what percentage of 16?

$$\frac{76}{16} = \frac{x}{100}$$

$$\frac{475}{100} = 475\%$$

$$x = 475\%$$

