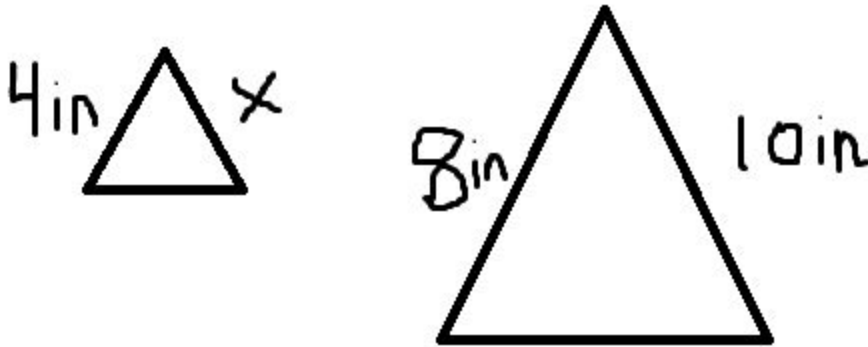


$$\frac{2}{10} = \frac{x}{5}$$

1.)

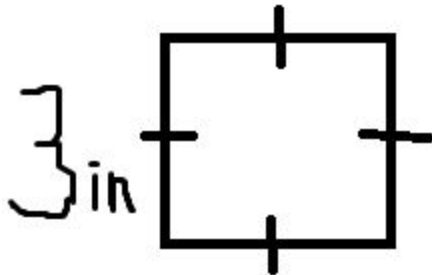
2.) I am running a summer camp. I have 300 kids signed up. I have to have a ratio of 6 kids per adult chaperone. How many adult chaperones do I need?

3.) Find the unit rate for my vehicle. I drove 50 miles on 3 gallons of gas. What is my MPG?



4.)

5.) The smaller square is multiplied by 4.5 to form a new square.



6.) 25% 50% 75% 100%  $33\frac{1}{3}\%$   $66\frac{2}{3}\%$  100% 10% 20% 30% 40% 50% 60% 70% 80% 90%  
100% Know the decimals and fractions for these percentages!!!!

7.) What is 25% of \$20.00?

8.) What is 25% off of \$20.00?

9.)  $I = PrT$  Interest = Principal x percent to decimal x Time in years Find the simple interest (I) paid annually for 5 years on a \$500 loan at 3%.

EXTRA CREDIT \*\*\*\* Find my total amount I have to pay (Simple Interest + My Loan)

10.) If I bought something for \$14.00. How much is my total after I pay my 6% Michigan sales tax?

11.) Explain to me in your own words, DISCOUNT VS. MARK UP.

12.) In your own words, how can interest work for you? How can interest work against you?

13.) Admission cost is \$10.00 but I have a discount coupon for 10% off. What is my total?

14.) I bought a shirt at wholesale cost of \$2.00. I mark up, the price at 50%. What am I going to sell it for?