- Please take the chairs down
- lunch is Hot dog and taco bar

Welcome Back

- 1. Tape in notes from the front table
- 2. Get out you break packet if you did it
- 3. Problem of the day

A roller coaster can take 162 passengers around the track in 9 minutes. The roller coaster operates at a constant rate. How many passengers can the roller coaster take around the track per minute?

Module 7 Lesson 1

I will be able to solve problems with proportions.

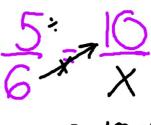
Proportion:

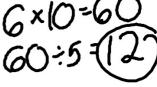
A statement that two ratios or rates are equivalent

Example: 5:6 and 10:12

How to solve:

Cross Multiply and Divide





Scale Drawing

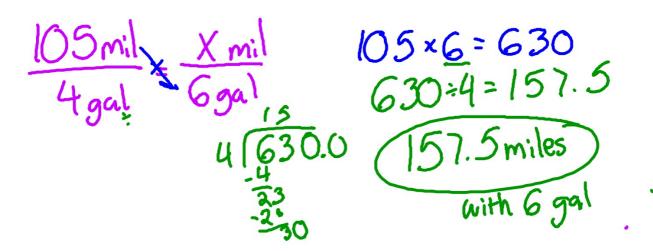
A drawing of a real object that is proportionally smaller or larger than the real object

Examples: Maps, people, Construction-blue prints, parts of acar, prototypes, designs, molecules atom,



Practice 1:

The Millers drove 105 miles on 4 gallons of gas. At this rate, how many miles can they drive on 6 gallons of gas?

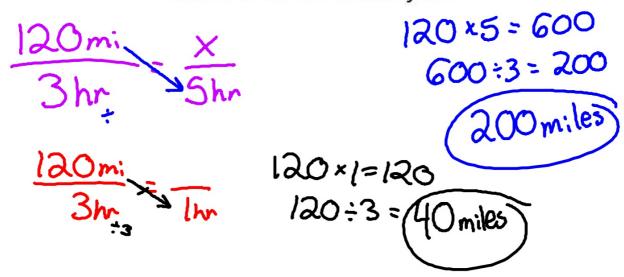


Practice 2

There are 180 calories in 3 scoops of vanilla ice cream. How many calories are there in 7 scoops of ice cream?

Practice 3:

Jeremy drove his motorcycle 120 miles in 3 hours. At this rate, how many miles can he drive in 5 hours? At what rate did he drive his motorcycle?



Practice 4:

The scale on a map is 1 inch= 20 miles. On the map
Greenville and North valley are 4.5 inches apart. How far is
the actual distance?