Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

An Intro to Proportions

Watch the video: <https://youtu.be/USmit5zUGas>

Watch the whole 10 minutes, but we will be going over the scale part again in class.

After watching the video, complete the work below. Be sure to show a proportion for each problem.

1. You can buy six cans of root beer for $2.50. How many cans of root beer can you buy for $10? \_\_\_\_\_\_\_

2. Baseball cards come in packs of a dozen (12) cards. Matt has 132 baseball cards. How many packs of baseball cards did he buy? \_\_\_\_\_\_\_

3. Grapes are sold for $3 per bag. If you have $12, how many bags of grapes can you buy? \_\_\_\_\_\_\_

4. David paints 3 rooms in 7 hours. At the same pace, how long would it take him to paint 15 rooms? \_\_\_\_\_\_\_

5. A monsoon dumped rain on a coastal area. In twelve hours 20 inches of rain had fallen. How much rain will fall over a period of 2 days, if it continues at this rate? \_\_\_\_\_\_\_

6. Sarah Beth makes cookies at the rate of 2 dozen per hour. She has to make a total of 216 cookies for a wedding party. How long will it take her? \_\_\_\_\_\_\_

7. When juggling a ball travels in a complete circle every 2 seconds. How many circles does it make in a minute? \_\_\_\_\_\_\_