

Name: \_\_\_\_\_ Score: \_\_\_\_\_

### H – Proportional Reasoning

Perform the following operations. Please use the number line to show your work.

1. In a pack of 30 balloons, 8 are blue and the rest are red. What is the ratio of red to blue balloons?

2. There is a basket of 40 marbles. 22 of them are yellow and the rest are green. What is the ratio of yellow to green marbles?

3. Z can eat 120 french fries in 4 minutes. How many french fries can Z eat in 22 minutes?

4. Q can run 4 miles in 30 minutes. How many miles can Q run in 1 hour and 15 minutes?

5. You send 40 text messages in 5 minutes. How many text messages can you send in 1 minute?

6. If your family drives 210 miles in 3 hours, how many miles per hour is your family driving?

#### Answer Column

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_