**Math 6** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**Unit 2: Rate, Ratio, and Proportional Reasoning Using Equivalent Fractions** Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**Prerequisite Skills Assessment**

1. List the first 5 multiples of 7.
2. List the factors of 75.
3. Name 2 equivalent fractions of 4/5.
4. Write as a fraction: 0.62
5. Write as a fraction in lowest terms: 12/18.
6. How many meters are equal to 5,000 centimeters?
7. If you measure 70 millimeters, how many centimeters is that equal to?
8. How many feet are equal to 36 inches?
9. How many gallons are equal to 8 quarts?
10. How many liters are equal to 500 milliliters?

**Math 6**

**Unit 2: Rate, Ratio, and Proportional Reasoning Using Equivalent Fractions**   
**Prerequisite Skills Assessment Answer Key**

|  |  |
| --- | --- |
| **Problem** | **Answer** |
| 1. | 7, 14, 21, 28, 35 |
| 2. | 1, 3, 5, 15, 25, 75 |
| 3. | Answers will vary: 8/10; 12/15 |
| 4. | 62/100….31/50 |
| 5. | 4.592 |
| 6. | 5 |
| 7. | 7 |
| 8. | 3 |
| 9. | 2 |
| 10. | 0.5 |