Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

Mr. Tallman Math 7

**Homework #6 – Multiplying and Dividing Integers**

1) When we are multiplying or dividing two integers with the same sign, the

product/quotient is always **positive/negative**. (circle one)

2) When we are multiplying or dividing two integers with different signs, the

product/quotient is always **positive/negative.** (circle one)

3) Find the product or quotient. Be sure to show all work where necessary.

|  |  |  |
| --- | --- | --- |
| a) | b) | c) |
| d) | e) | f) |

4) Evaluate the following when and

|  |  |
| --- | --- |
| a) | b) |

5) A submarine is diving from the water’s surface at a rate of 90 feet per minute. What is the depth of the submarine after 7 minutes?

6) Adriana lost 3 pounds per month after she began doing Pilates. At this rate, how much will she lose after 4 months?