**Homework Practice**

***Multiply/Divide Integers***

**Multiply/Divide.**

**1.** 5(4) **2.** 3(–1) **3.** (–5)(-8)

 **4.** –7(4)(8) **5.** (–5)(4)(–1) **6.** –5(–1)3

 **7.** –64 ÷ (–8) **8.** –39 ÷ (–13) **9.** –121 ÷ 11

**10.** **RECREATION** Hiking up a mountain, you notice that the air temperature drops 10°C for every 1,000 meters increase in elevation. Write a multiplication expression to represent the decrease in temperature if you hike up the mountain 3,000 meters. Then evaluate the expression and explain its meaning.

**11**. **SUBMARINE** A submarine descends at a rate of 60 feet each minute. How long will it take it to descend to a depth of 660 feet below the surface?

 a.) Write and simplify and expression below

 b.) Explain how you knew what operation to use.

 c.) Rewrite the word problem using the opposite operation