**Lesson 4 Homework Practice**

***Multiply Integers***

**Multiply.**

**1.** 4(–7) **2.** –14(5) **3.** 9(–12)

**4.** –6(–8) **5.** 27(–3) **6.** –11(–13)

**7.** –55(0) **8.** (–7)(–7) **9.** 78(–1)

**10.** (–3)3 **11.** (–1)4 **12.** (–8)2

**13.** Find –5 cubed.

**14.** Find the product of 13 and –31.

**15.** 5(4) **16.** 3(–1) **17.** (–5)(8)

**18.** –7(4)(8) **19.** (–5)(4)(–1) **20.** –5(–1)3

**21.** –(–5)2(4) **22.** –4(8) – (–5) **23.** (4)2 – 4(–5)(–1)

**24.** **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.