**Practice – Multiplying and Dividing Integers**

**1.** Find each product.

 **a)** (+6) x (–12) **b)** (–10) x (–4) **c)** (–8) x (–9)

 **d)** (+11) x (+7) **e)** (–13) x (+5) **f)** (+12) x (–6)

**2.** Find each quotient.

 **a)** (+8) ÷ (+4) **b)** (–9) ÷ (–3) **c)** (+36) ÷ (+12)

 **d)** (–24) ÷ (–8) **e)** (+14) ÷ (–7) **f)** (–10) ÷ (+5)

**3.** Find each product or quotient.

**4.** Represent each sentence with integers, and then find each **product**.

**a)** Gaston withdrew $26 from his bank account each week for 17 weeks. Find the total amount Gaston withdrew over the 17 weeks.

**b)** An old bucket has a small leak. Fifty-five milliliters (mL) of water leak out in 1 h. Find how much water leaks out in 6 h.

**c)** In math class, 15 people have highlighter pens. If each person has 3 highlighters each, how many highlighter pens in total can be found in the math class?

**5.** Represent each sentence with integers, and then find each **quotient**.

 **a)** The temperature rose 3oC each hour for a total change of +12oC. Find the number of hours the change in temperature took.

 **b)** A submarine was at the surface of the ocean. It made 4 identical plunges in a row. Its final depth was 148 m below sea level. What was the depth of each plunge?

 **c)** Tyler decides that, starting this week, he will withdraw $5 from his savings account each week. How many weeks from now will Tyler have withdrawn $65.

**6.** Use the decoder below to determine how much each word is worth. Be sure to write the value of each letter and include the multiplication operation symbol and the answer.



