Name: _____          School: _____

Class: _____          Date: _____

Multiplying & Dividing Integers + Factors Quiz

**Fill in the blanks to complete the following sentences.**

1. When multiplying or dividing integers with the same sign, your answer will be _____

2. When multiplying or dividing integers with different signs, your answer will be _____

**Solve the following:**

1. 7 x (-3) =

2. -5 x (-6) =

3. -3 x 9 =

4. 16 ÷ 2 =

5. -28 ÷ 4 =

6. -45 ÷ (-5) =

7. 24 x (-3) =

8. 81 ÷ 9 =

9. -15 x (-4) =

10. 24 ÷ (-3) =

**Write the expression and solve the following. Write your answers in complete sentences.**

1. Kim was walking down a rocky path.  For 4 minutes, the elevation **dropped** at the same rate.

   Altogether it dropped 8 feet.  **What was the change in elevation each minute?**

Expression:                              Answer:

2. The football team **lost** 8 yards on every play for 5 plays. **Which integer shows the total number**

   **of yards the team has lost?**

Expression:                              Answer:

*Factors are whole numbers that are multiplied together to produce another number.*

**List the factors:**

| 15 | |
|---|---|
| | |

| -20 | |
|---|---|
| | |

**List the negative factors:**

| 12 | |
|---|---|
| | |

| -16 | |
|---|---|
| | |