

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

1. The temperature outside is dropping at a rate of 4 degrees per hour. How much will the temperature change in 8 hours?
2. Mrs. Rockwell lost money on an investment at a rate of \$4 per day. Describe the change in her investment after two weeks.
3. If  $\frac{4}{5}$  of the population of a certain town is considered to be middle class and the population of the town is 2,000, how many people are considered middle class?
4. A bicycle is on sale for  $\frac{2}{3}$  of its original price. If the original price is \$354, what is the sale price?
5. A deep-sea diver descends below the surface of the water at a rate of 60 feet each minute. What is the depth of the diver after 10 minutes?
6. Identify the error by providing a brief description. Then, complete the problem correctly.

$$-16 \div 2(-2) - 12$$

$$8(-2) - 12$$

$$-16 - 12$$

$$-28$$

Name \_\_\_\_\_ **Key** \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

1. The temperature outside is dropping at a rate of 4 degrees per hour. How much will the temperature change in 8 hours?

It will drop 32 degrees

2. Mrs. Rockwell lost money on an investment at a rate of \$4 per day. Describe the change in her investment after two weeks.

There are 12 days in two weeks to she lost \$48

3. If  $\frac{4}{5}$  of the population of a certain town is considered to be middle class and the population of the town is 2,000, how many people are considered middle class?

1600

4. A bicycle is on sale for  $\frac{2}{3}$  of its original price. If the original price is \$354, what is the sale price?

\$236

5. A deep-sea diver descends below the surface of the water at a rate of 60 feet each minute. What is the depth of the diver after 10 minutes?

-600 feet

6. Identify the error by providing a brief description. Then, complete the problem correctly.

$$-16 \div 2(-2) - 12$$

$$8(-2) - 12 \text{ 8 should be -8}$$

$$-16 - 12$$

$$-28$$

$$-16 \div 2(-2) - 12$$

$$-8(-2) - 12$$

$$16 - 12$$

$$4$$