**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Unit 3 Quiz #1 REVIEW Unit Rate, Complex Fractions, Proportions**

**Find each unit rate. Round your answer to the nearest HUNDRETH if necessary.**

1. 388 meters in 15 seconds (meters per second) 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 167 pounds of dog food for 14 dogs (pounds per dog) 2. \_\_\_\_\_\_\_\_\_\_\_\_\_
3. The costs of different sizes of bottled sport drinks are shown.

Which bottle costs the LEAST per ounce? Show your work!

3. \_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Size | 8 oz . | 16 oz. | 24 oz. |
| Price | $0.84 | $1.21 | $2.09 |

1. **** 4. \_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_**

4

1.  5.\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_**



**State whether each pair of ratios forms a proportion**

1.  =  6.\_\_\_\_\_\_\_\_\_\_\_\_\_
2.  =  7.\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the following Proportions

1.  =  8.\_\_\_\_\_\_\_\_\_\_\_\_
2.  =  9.\_\_\_\_\_\_\_\_\_\_\_\_
3. Myra can fill 14 glasses with 4 containers of iced tea. 10.\_\_\_\_\_\_\_\_\_\_\_\_

How many glasses can she fill with 3 containers of tea?