6.RP.1

During the 2011 regular game season, the Ravens won 12 games and lost 4.  During the 2012 regular game season, the Ravens won 10 games and lost 6.

1) Write the ratio of 2011 games won to 2012 games won. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Write the ratio of 2012 games lost to 2011 games lost. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) Write the ratio of all loses to all wins for both seasons.

    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.RP.2**

4) Rochelle’s cookie recipe calls for 4 cups of sugar and 6 cups of chocolate chips.  How many cups of chocolate chips should she add if she adds 10 cups of sugar?  Explain how you found your answer using words, symbols, or other representations.

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**6.RP.3a**

Song is adding dumplings to her take out menu.  She is trying to decide on the cost for dumplings.

5) Suggest a price for a box of dumplings.   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) Choose a number of boxes to sell and state how much the boxes would cost in total.  Show an expression or equation that shows you are right.

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**6.R.P.3.b**

Safeway and Weis both are having sales on strawberries.  Safeway has a 12-ounce container for $4.75 and Weis has a 6-ounce container for $2.50.

7) Which store offers the best deal on strawberries?  Why?

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**6.RP.3c**

Rabia scored a 44 out of 55 on her science test. Aron has a different teacher for science and scored a 30 out of 40 on his test.

8) Who received a better test score? Show work using expressions or equations to justify your choice.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.RP.3d**

The supplies needed in science class this year were delivered to Mr. Pruett.

The weight of the carton of NaCl was 908.8 grams, each sand bag was 4,544 grams, and box of cups was 227.2 grams. The other supplies are labeled in ounces. Convert these item measurements from grams to ounces given 1 ounce = 28.4 grams.   Be sure to show your work using expressions or equations.

9) NaCl carton \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) Sand Bag \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11) Box of Cups \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_