

Name _____

Date _____

Rounding in the Real World

In this worksheet, we will practice using rounding in real world situations. Remember the rule for rounding (if the following number is five or above, round up- four or below it stays the same).

For example, Matthew has \$5 and wants to buy 4 bars of candy. If each candy bar costs \$1.60, does he have enough money to buy all four bars?

Rounding \$1.60 up to the nearest dollar, \$2, shows us that Matthew does not have enough money to buy four candy bars, since $2 \times 4 = 8$ and $8 >$ (is greater than) 5.

Exercise Questions:

1. Darius is buying groceries. He gets a bag of chips (\$2.60), a loaf of bread (\$1.80), and a jar of peanut butter (\$2.40).

Is \$10 enough to cover the cost of the groceries? _____

2. Jennifer is getting ready to plant her garden. She measured the area of her garden to 168 square feet. At the gardening store, she can buy a 100 square foot bag of soil, a 200 square foot bag of soil, or a 300 square foot bag of soil. Underline the bag she needs to buy.

3. Hope is buying ingredients that she needs for making treats for the bake sale. One recipe calls for $2 \frac{1}{4}$ cups of flour, another recipe calls for $2 \frac{3}{4}$ cups of flour, and another calls for $1 \frac{1}{2}$ cups of flour. Does she need a 2 pound bag of flour, a 5 pound bag of flour, or an 8 pound bag of flour? Underline the bag she needs to buy.

4. James is buying dog food. His big dog eats 7 quarts of food a week and his small dog eats 7 cups of food a week. What size bag of dog food does he need to feed them both for a week? Does he need to buy a 20 cup bag, 30 cup bag, or 40 cup bag? Underline the bag he needs to buy.

5. Susanna wants to make at least one scrapbook with her photos. If she took 118 pictures and wants to use them all, how many scrapbooks does she need to hold them all? (Each scrapbook can hold 40 photos).

Suzanne needs _____ scrapbooks.



Answer Key

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Exercise Questions:

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Is \$10 enough to cover the cost of the groceries? yes

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5. Susanna wants to make at least one scrapbook with her photos. If she took 118 pictures and wants to use them all, how many scrapbooks does she need to hold them all? (Each scrapbook can hold 40 photos).

Suzanne needs 3 scrapbooks.

