Lesson 10 Practice Problems

1. What percentage of a dollar is the value of each coin combination?

   a. 4 dimes

   b. 1 nickel and 3 pennies

   c. 5 quarters and 1 dime

2.   a. List three different combinations of coins, each with a value of 30% of a dollar.

     b. List two different combinations of coins, each with a value of 140% of a dollar.

3. The United States government used to make coins of many different values. For each coin, state its worth as a percentage of $1.
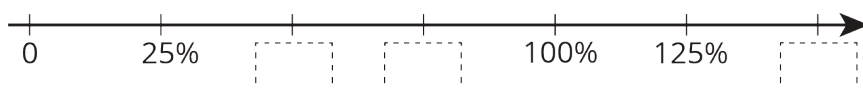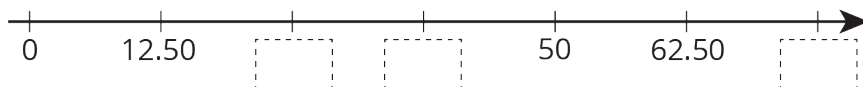

   $\frac{1}{2}$ cent   3 cents   20 cents $2\frac{1}{2}$ $5

4. Complete the double number to line show percentages of $50.

money (dollars)

0   12.50   ⬚   ⬚   50   62.50   ⬚

0   25%   ⬚   ⬚   100%   125%   ⬚

5. Elena bought 8 tokens for $4.40. At this rate:

   a. How many tokens could she buy with $6.05?

   b. How much do 19 tokens cost?

   (From Unit 3, Lesson 9.)

6. A snail travels 10 cm in 4 minutes. At this rate:

   a. How long will it take the snail to travel 24 cm?

   b. How far does the snail travel in 6 minutes?

   (From Unit 3, Lesson 8.)

7.   a. 3 tacos cost $18. Complete the table to show the cost of 4, 5, and 6 tacos at the same rate.

number of tacos	cost in dollars	rate in dollars per taco
3	18	
4		
5		
6		

   b. If you buy t tacos for c dollars, what is the unit rate?

   (From Unit 3, Lesson 7.)

Grade 6 Unit 3
Lesson 10

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2