

Name _____

Date _____

1. Lamar has 1,354.5 kilograms of potatoes to deliver to 18 stores. 12 of the stores are in the Bronx. How many kilograms of potatoes will be delivered to stores in the Bronx?
2. Valerie uses 12 oz of detergent each week for her laundry. If there are 75 oz of detergent in the bottle, in how many weeks will she need to buy a new bottle of detergent? Explain how you know.

3. The area of a rectangle is 56.96 m^2 . If the length is 16 m, what is its perimeter?
4. A city block is 3 times as long as it is wide. If the distance around the block is 0.48 kilometers, what is the area of the block in square meters?

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Solve.

Hayley borrowed \$1,854 from her parents. She agreed to repay them in equal installments over the next 18 months. How much will Hayley still owe her parents after a year?

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Directions: Solve the word problems using the bar model.

1. Michelle wants to save \$150 for a trip to Six Flags Amusement Park. If she saves \$12 each week, how many weeks will it take her to save enough money for the trip?
2. Karen works for 85 hours over a two week period. She earns \$1,891.25 over this period. How much does Karen earn for 8 hours of work?
3. The area of a rectangle is 256.5 m^2 . If the length is 18 m, what is the perimeter of the rectangle?

4. Tyler baked 702 cookies. He sold them in boxes of 18. After selling all the boxes of cookies, he earned \$136.50. What was the cost of one box of cookies?
5. A park is 4 times as long as it is wide. If the distance around the park is 12.5 kilometers, what is the area of the park?