

Name _____

13. Amy has 30 grams of flour. She puts 4 grams of flour in each pot of chowder that she makes. She puts 5 grams of flour in each pot of potato soup that she makes. She makes 4 pots of chowder. Does Amy have enough flour left over to make 3 pots of potato soup?

No; Possible explanation: First, I found how much flour she used, $4 \times 4 = 16$; Then I found how much flour was left, $30 - 16 = 14$, and compared it to what she needed to make 3 pots of soup, $5 \times 3 = 15$.

14. Use an inch ruler to measure.

Part A

What is the length of the leaf to the nearest fourth-inch?

Part B

Explain what happens if you line up the left side of the object with the 1 on the ruler.

Possible explanation: You will get the wrong answer. The leaf will measure 1 inch longer than it really is.



15. Mrs. Park takes the 9:38 A.M. train to the city. The trip takes 3 hours and 20 minutes. What time does Mrs. Park arrive in the city?

12:58 P.M.

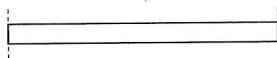
16. Hector buys two bags of gravel for his driveway. He buys a total of 35 kilograms of gravel. Select the bags he buys.

15 kg	17 kg	18 kg	19 kg
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

17. Ashley measures the shells she collects. She records the measurements in a chart.

Part A

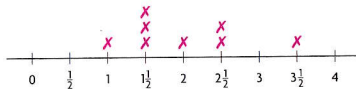
Ashley found a razor clam shell this long. Use an inch ruler to measure. Record the measurement in the chart.



$3\frac{1}{2}$ inches

Part B

Complete the line plot to show the data in the chart. How many shells are longer than 2 inches? Tell how you know.



Length of Shells Measured to the Nearest Half Inch

Possible answer: 3 shells are longer than 2 inches. I counted the number of Xs above $2\frac{1}{2}$ and $3\frac{1}{2}$.

18. Lucy fills a bathroom sink with water. Is the amount of water *more than 1 liter*, *about 1 liter*, or *less than 1 liter*? Explain how you know.

More than 1 liter; Possible explanation: A liter is only about the amount in a medium bottle of water. That amount would not fill a sink, so the full sink has more than 1 liter.