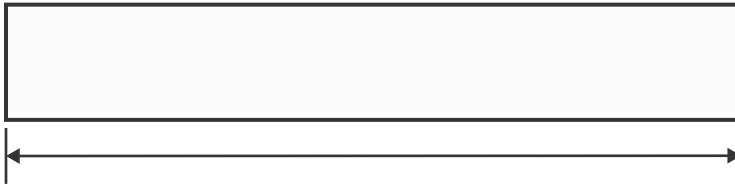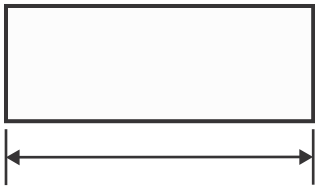Name _____ Date _____

Chapter Test, Form 3B

Read each question carefully. Write your answer on the line provided.

1. Use a ruler to measure the rectangle to the nearest inch, $\frac{1}{2}$ inch, and $\frac{1}{4}$ inch.

1. _____

2. Use a ruler to measure the rectangle to the nearest inch, $\frac{1}{2}$ inch, and $\frac{1}{4}$ inch.

2. _____

Find each unknown.

3. 8 ft = ▢ in.

3. _____

4. 2 yd = ▢ in.

4. _____

5. 3 gal = ▢ pt

5. _____

6. 5 c = ▢ fl oz

6. _____

7. 6 lb = ▢ oz

7. _____

8. 9 T = ▢ lb

8. _____

9. Fran jumped rope for $4\frac{1}{2}$ minutes. How many seconds did he jump rope?

9. _____

10. _____

10. How many days are in 7 weeks?

Name _____ Date _____

Chapter Test, Form 3B *(continued)*

Complete each conversion table.

11.

years	weeks	(y, wk)
4		
5		
7		

12.

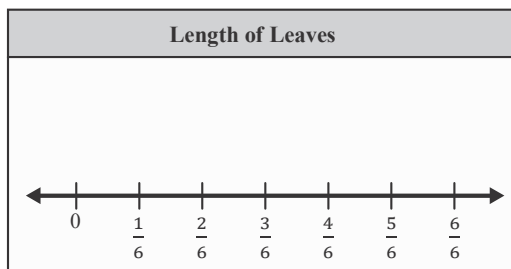| quarts	cups	(qt, c)
3		
4		
6		

13. Janice worked in her garden for $3\frac{3}{4}$ hours in the morning
and $2\frac{1}{4}$ hours in the afternoon. How many minutes did
Janice work in her garden in all?

13. _____

14. Benny fills a bucket with 6 gallons of water. Lacey fills a
bucket with 18 quarts of water. How many more quarts of
water are in Benny's bucket?

14. _____

15. Phillip threw a ball 10 yards. Ken threw a ball half as many
yards. How far did Phillip and Ken throw the balls together
in feet?

15. _____

Use the table below for Exercises 16-18.

Length of Leaves			
$\frac{2}{6}$	$\frac{2}{6}$	$\frac{3}{6}$	$\frac{5}{6}$
$\frac{3}{6}$	$\frac{2}{6}$	$\frac{4}{6}$	$\frac{2}{6}$
$\frac{3}{6}$	$\frac{4}{6}$	$\frac{2}{6}$	$\frac{4}{6}$

Length of Leaves

$\begin{array}{ccccccc} & & & & & & \\ 0 & \frac{1}{6} & \frac{2}{6} & \frac{3}{6} & \frac{4}{6} & \frac{5}{6} & \frac{6}{6} \end{array}$
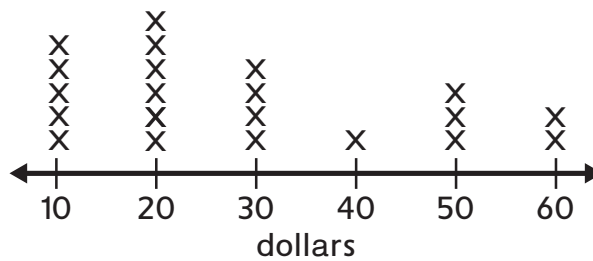
16. The frequency table represents the length in feet of
each leaf collected by Patsy from her yard. Represent
this data in a line plot.

17. Which length leaf did Patsy find the most?

17. _____

18. If all of the insects $\frac{3}{6}$ foot long were placed end to end,
how long would the row stretch?

18. _____

19. Raul has three dogs. Two dogs weigh the same number
of pounds. The third dog weighs half the amount as the
other two. If the total weight of the three dogs is 100
pounds, how much does each dog weigh?

19. _____

16. Select true or false for each statement. 4.MD.1

True   **False**

☐   ☐   7 cups > 2 quarts

☐   ☐   2 quarts > 1 pint + 42 fluid ounces

☐   ☐ $2\frac{1}{8}$ gallon = 17 pints

☐   ☐ $\frac{1}{8}$ quart < $\frac{3}{4}$ cup

17. Nilsa and her classmates collected donations to get new computers for her school. Donations were made in increments of $10. Nilsa made this line graph of the data, showing donations in dollars. 4.MD.4

Part A: What was the most common amount that people donated?

Part B: Which donation amount produced the greatest donation total? What was the total donated at that amount?

18. Franklin wants to use a bowling ball that weighs no more than 224 ounces. The label on the box for a new bowling ball shows that the ball weighs 12 pounds 14 ounces. Is this a ball that Franklin could use? Explain. 4.MD.1