Lesson 15.1 Measuring Length

Measure each object to the nearest inch.

1. The crayon is about _________ inches long.

2. The toothbrush is about _________ inches long.

3. The rope is about _________ inches long.
Measure each object to the nearest half-inch.

4. The ribbon is about _______ inches long.

5. The friendship band is about _______ inches long.

6. The scissors are about _______ inches long.

7. The leaf is about _______ inches long.
8. The pen is about _________ inches long.

**Estimate the length of the ribbon to the nearest inch.**

Each quarter dollar is about one inch wide.

9. The ribbon is about _________ quarters long.

10. It is about _________ inches long.

**Estimate the length of the bracelet to the nearest half-inch.**

Each button is about a half-inch wide.

11. The bracelet is about _________ buttons long.

12. It is about _________ inches long.
Fill in the blanks.

13. \(1 \text{ ft} = \underline{\quad} \text{ in.}\)

14. \(1 \text{ yd} = \underline{\quad} \text{ ft} = \underline{\quad} \text{ in.}\)

Circle the best estimate for each.

15. The length of a book
   \(\textbf{a.} \ 10 \text{ in.} \quad \textbf{b.} \ 2 \text{ ft}\)

16. The height of a house
   \(\textbf{a.} \ 18 \text{ ft} \quad \textbf{b.} \ 18 \text{ in.}\)
17. The length of a bed

   a. 6 yd   b. 6 ft

18. The length of a hiking trail

   a. 10 yd   b. 5 mi

Complete.
Use the map to help you.

19. The distance between home and school is about _________ mile.
Use the map on the previous page to answer the exercises.

20. Carol can walk 1 mile in 20 minutes. How long will it take her to walk from school to the beach?

_______ minutes

21. The distance between home and the park is _________ yards.

22. How much time does Carol need to walk between the park and the beach?

_______ minutes

Choose the unit you would use to measure each length. Write inches, feet, yards, or miles.

23. The height of a building _________

24. The length of a caterpillar _________

25. The length of an airplane _________

26. The distance between two towns _________
Lesson 15.2  Measuring Weight

Read the scales and write the weights.

1. The bag of limes weighs about ________ ounces.

2. 1 slice of cheese weighs about 1 ounce. The bag of mushrooms weighs about ________ ounces.

3. The turkey weighs about ________ pounds.

4. The apples weigh about ________ pounds.
5. A loaf of bread weighs about 1 pound. The bag of oranges weighs about ______ pounds.

6. The two books weigh about ______ pounds.

Choose the unit that you would use to measure the weight of each object. Write ounces, pounds, or tons.

7. You can measure the weight of a basket of fruits in ____________.

8. You can measure the weight of two slices of bread in ____________.

9. You can measure the weight of a polar bear in ____________.

10. You can measure the weight of five grapes in ____________.
11. You can measure the weight of two books in ______________.

12. You can measure the weight of a coach in ______________.

Order the weights from the lightest to the heaviest.

13. 8 lb  4 oz  2 T

14. 1 T  3 lb  10 oz

Circle the best estimate for each.

15. Johnson estimates the weight of 3 apples. Which is the best estimate of their weight?

   a. 5 oz    b. 15 oz    c. 20 lb    d. 10 lb
16. Which is the best estimate of the weight of a puppy?

   a. 2 oz  
   b. 200 lb  
   c. 8 lb  
   d. 80 lb

17. Which is the best estimate of the weight of a container of pasta sauce?

   a. 2 oz  
   b. 4 lb  
   c. 90 oz  
   d. 14 oz

Choose the best unit to complete the sentences.

   tons  pounds  ounces

18. You can measure the weight of a car in ________________.
19. You can measure the weight of a fork in ________________.
20. You can measure the weight of a large watermelon in ________________.
21. You can measure the weight of a cow in ________________.
Lesson 15.3  Measuring Capacity

Find the capacity of each container.

Each \( \frac{1}{2} \text{ cup} \) = 1 cup.

1. The pitcher can hold ________ cups of water.
2. The pitcher has a capacity of ________ cups.
3. The container can hold ________ pints of milk.
4. The container has a capacity of ________ pints.
5. The pot can hold ________ quarts of soup.
6. The pot has a capacity of ________ quarts.
7. The bathtub can hold _______ gallons of water.

8. The bathtub has a capacity of _______ gallons.

Circle the best estimate for each.

9.

a. 4 pt  

b. 4 gal

10.

a. 20 qt  

b. 200 gal
Match. Each \( \text{1 cup} \) = \( \text{1 cup} \).

11. 

\begin{align*}
&1 \text{ pint} \quad 1 \text{ pint} \quad 1 \text{ pint} \\
&1 \text{ cup} \quad 1 \text{ cup} \quad 1 \text{ cup} \\
&2 \text{ cups} \quad 2 \text{ cups} \\
&1 \text{ gallon} \quad 2 \text{ quarts} \\
&1 \text{ pint} \quad 1 \text{ pint} \quad 1 \text{ pint}
\end{align*}
Order the capacities from the smallest to largest.

12. 1 gal 6 pt 8 qt

13. 2 qt 20 c 8 pt

14. 1 qt 8 c 3 pt

15. 1 gal 2 qt 3 pt

Choose the best unit to complete the sentences.

16. You can measure the capacity of a small milk bottle in ____________.

17. You can measure the capacity of a kettle in ____________.

18. You can measure the capacity of a gas tank in ____________.
Put on Your Thinking Cap!

Solve.

1. The total height of Clifford and Jennifer is 108 inches. Clifford is 6 inches taller than Jennifer. How tall is Clifford?

2. There are 5 trees along the side of a road that is 50 yards long. Tree B is half-way between Tree A and Tree C. Tree C is half-way between Tree B and Tree D. Tree D is half-way between Tree B and Tree E. What is the distance between Tree D and Tree E?
3. A dog takes 4 steps to walk the same distance that a cat takes 5 steps to walk. Each dog step has a length of 1 foot. How far does the cat walk when it takes 20 steps?

4. A kangaroo chases a rabbit that is 120 feet ahead of it. For every 5-foot leap the rabbit takes, the kangaroo makes a 15-foot leap. How many leaps does the kangaroo need to make to catch up to the rabbit?