Measuring Length, Time, Liquid Volume, and Weight: End-of-Unit Assessment
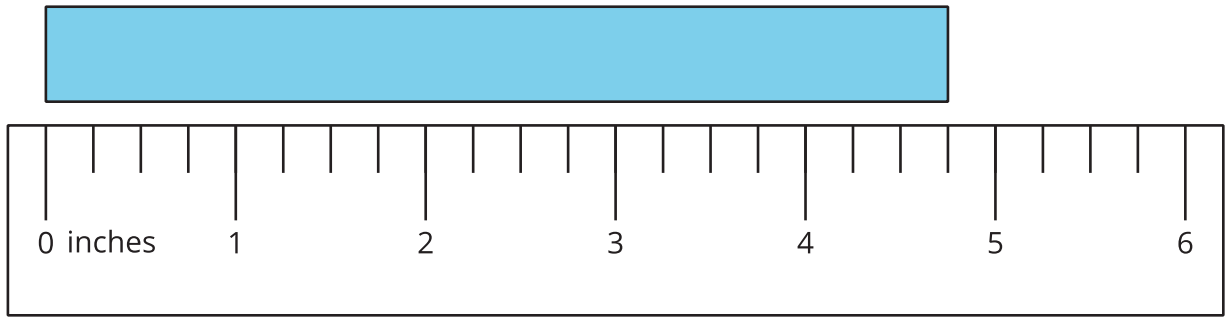
1. How long is the rectangle?
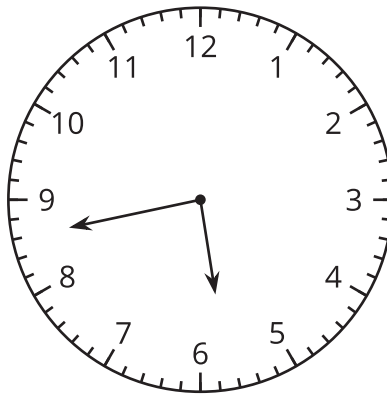

A. $4\frac{1}{4}$ inches

B. $4\frac{1}{2}$ inches

C. $4\frac{3}{4}$ inches

D. $5\frac{1}{4}$ inches

2. Select **3** items that weigh about 1 kilogram.

A.   pencil

B.   laptop computer

C.   pineapple

D.   paper clip

E.   car

F.   dictionary

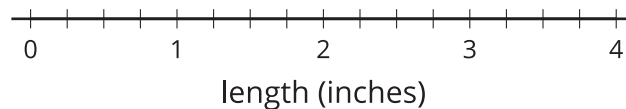3. Select **all** statements that apply to the time shown on the clock.

A. The clock shows 5:43.

B. The clock shows 8:28.

C. In 18 minutes it will be 6:01.

D. In 18 minutes it will be 5:25.

E. In 18 minutes it will be 8:46.
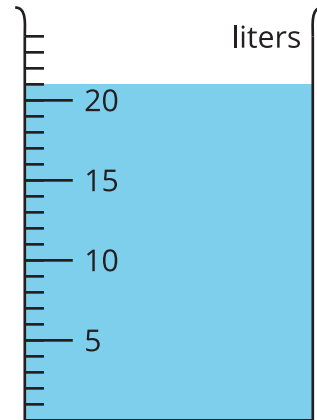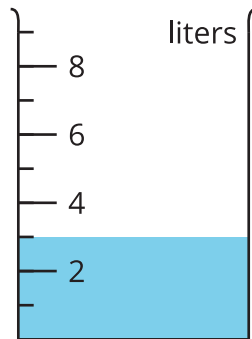
4. Here are the lengths of some pencils in inches:

$2\frac{3}{4}$ $2\frac{2}{4}$ $1\frac{3}{4}$ $2\frac{1}{2}$ $2\frac{1}{4}$ $2\frac{1}{2}$

$2\frac{3}{4}$ $2\frac{1}{2}$ 2 $3\frac{1}{4}$ $2\frac{2}{4}$ $2\frac{1}{4}$

Use the lengths of the pencils to complete the line plot.

length (inches)

5. Here are two containers partly filled with water.

    a. How many liters of water are in each container?

    b. How many more liters are there in the larger container? Explain how you know.

_____

_____

6. A young humpback whale weighs 835 kg. A young killer whale weighs 143 kg. How much heavier is the humpback whale than the killer whale? Explain or show your reasoning.

7. The school is hosting an end-of-year party for 48 students. Each student will be served 2 cups of lemonade.

    a. How many cups of lemonade will be served to the students at the party? Explain or show your reasoning.

    b. Each bottle has 8 cups of lemonade. How many bottles of lemonade does the school need? Explain or show your reasoning.