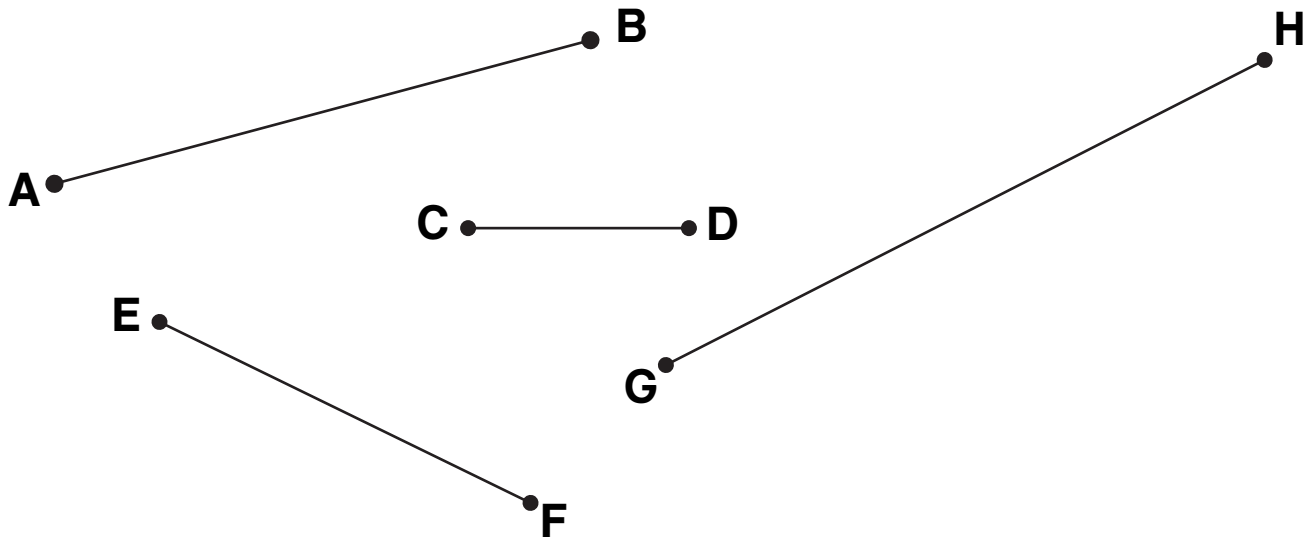


Measuring Length with Nonstandard Units

About how long is each line?
Use the paper strips below. Complete the table.



Line	A to B	C to D	E to F	G to H
Strip 1 units	about 3			
Strip 2 units				

Measurement strip 1: A dashed line with 6 equal-width rectangular boxes. The rightmost box is shaded gray and contains the number 1.

Measurement strip 2: A dashed line with 10 equal-width rectangular boxes. The rightmost box is shaded gray and contains the number 2.

Comparing Lengths

1. Color the rods.

orange

blue

brown

black

dark green

yellow

purple

light green

red

Write the missing colors to make each sentence true.

2. red = _____ + _____
3. black = _____ + _____
4. blue > _____ + _____
5. yellow > _____ + _____
6. purple < _____ + _____
7. orange < _____ + _____

Measuring with a Centimeter Ruler

Connect the points.
Then measure each line.
What figure did you make?

1.

line	length
A to B	<u> 4 </u> cm
B to C	<u> </u> cm
C to A	<u> </u> cm

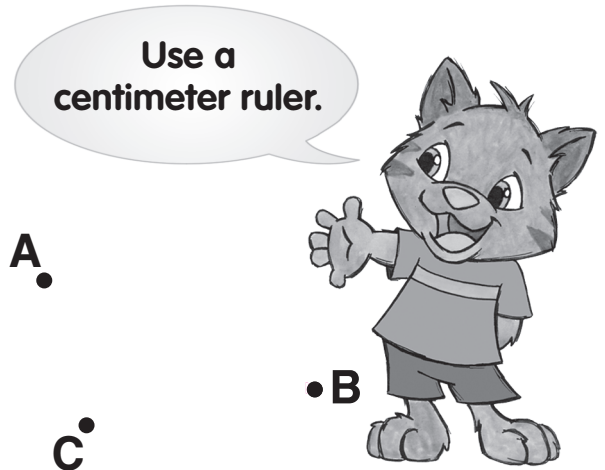


Figure _____

2.

line	length
D to E	<u> </u> cm
E to F	<u> </u> cm
F to G	<u> </u> cm
G to D	<u> </u> cm

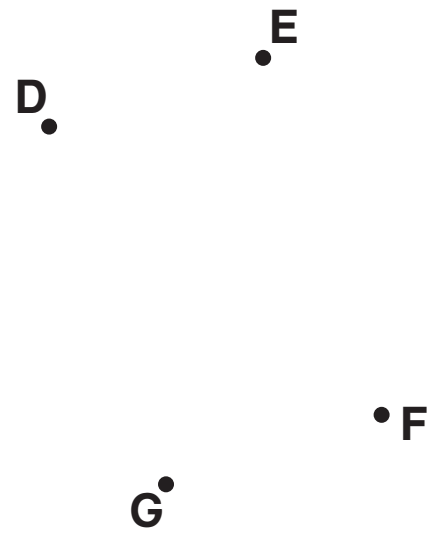


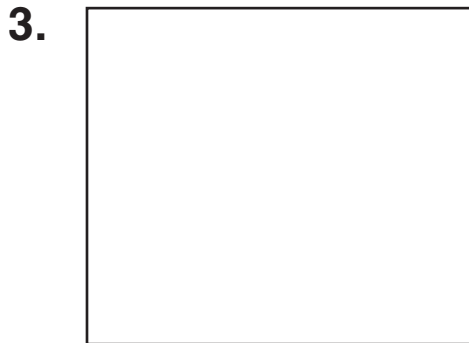
Figure _____

Measuring with an Inch Ruler




Measure the sides of each figure. Use an inch ruler.
Is each figure a square? Explain.







Finding How Many Figures

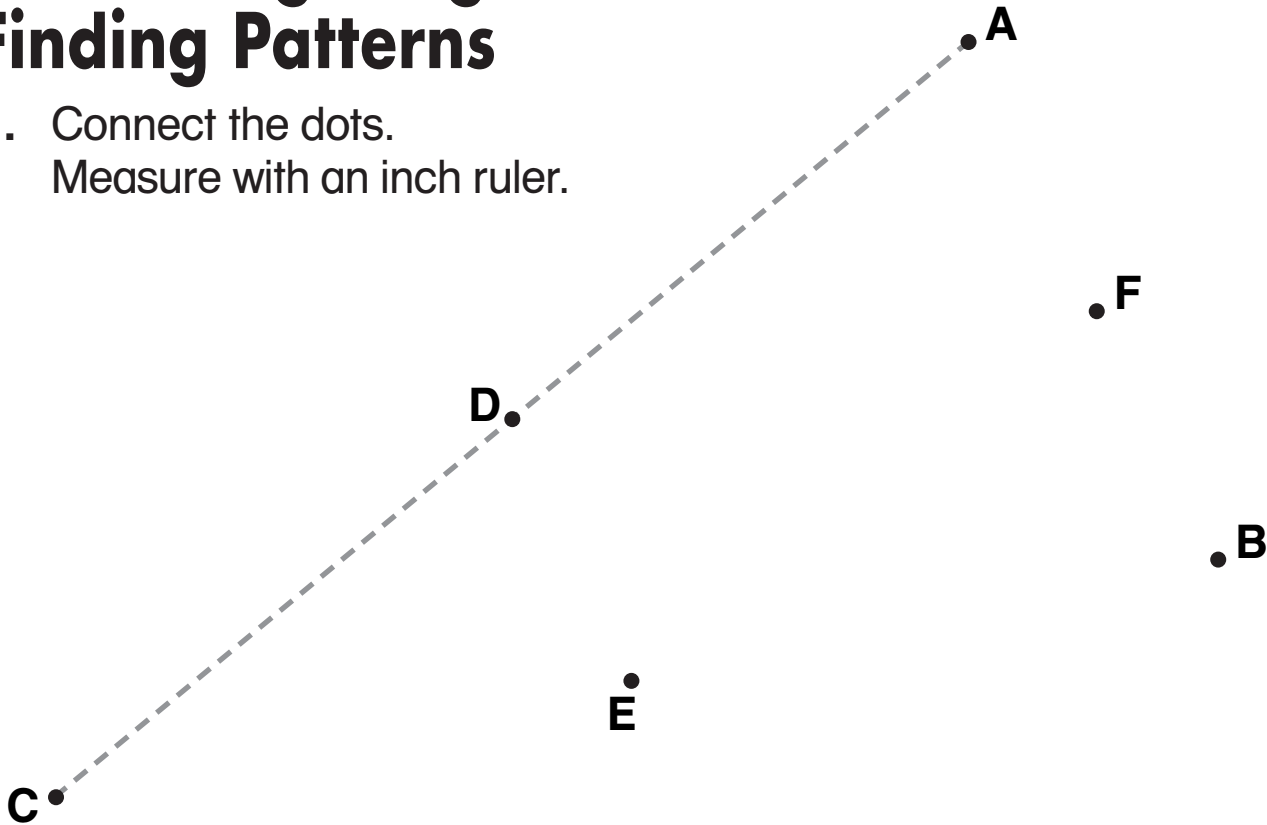
Number of Blocks in Each Size and Shape			
Size	Triangles 	Squares 	Circles 
Smallest	1	3	2
In-Between	3	2	4
Largest	1	2	0

Use the table above to find how many.

Triangles _____	Squares _____	Circles _____
Smallest Figures _____	In-Between Figures _____	Largest Figures _____
Smallest Triangles _____	In-Between Squares _____	Largest Circles _____
Figures that are not triangles _____	Figures that are not squares _____	Figures that are not circles _____

Measuring Length and Finding Patterns

1. Connect the dots.
Measure with an inch ruler.

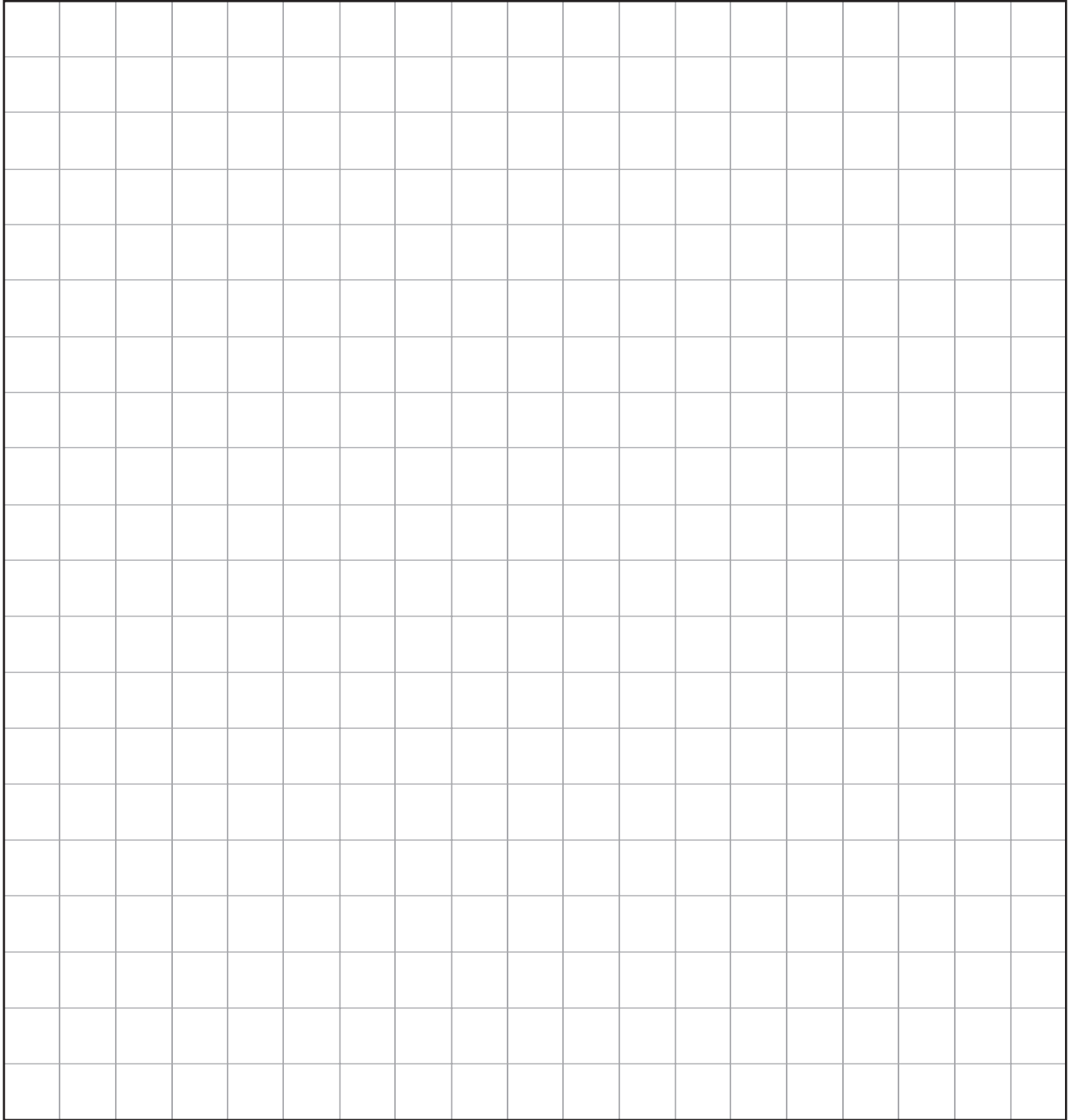


Line	Length	Line	Length
A to B	about <u>3</u> inches	D to E	about _____ inches
B to C	about _____ inches	E to F	about _____ inches
A to C	about _____ inches	D to F	about _____ inches

2. Look at the table. What pattern do you see?

Finding Area on a Grid

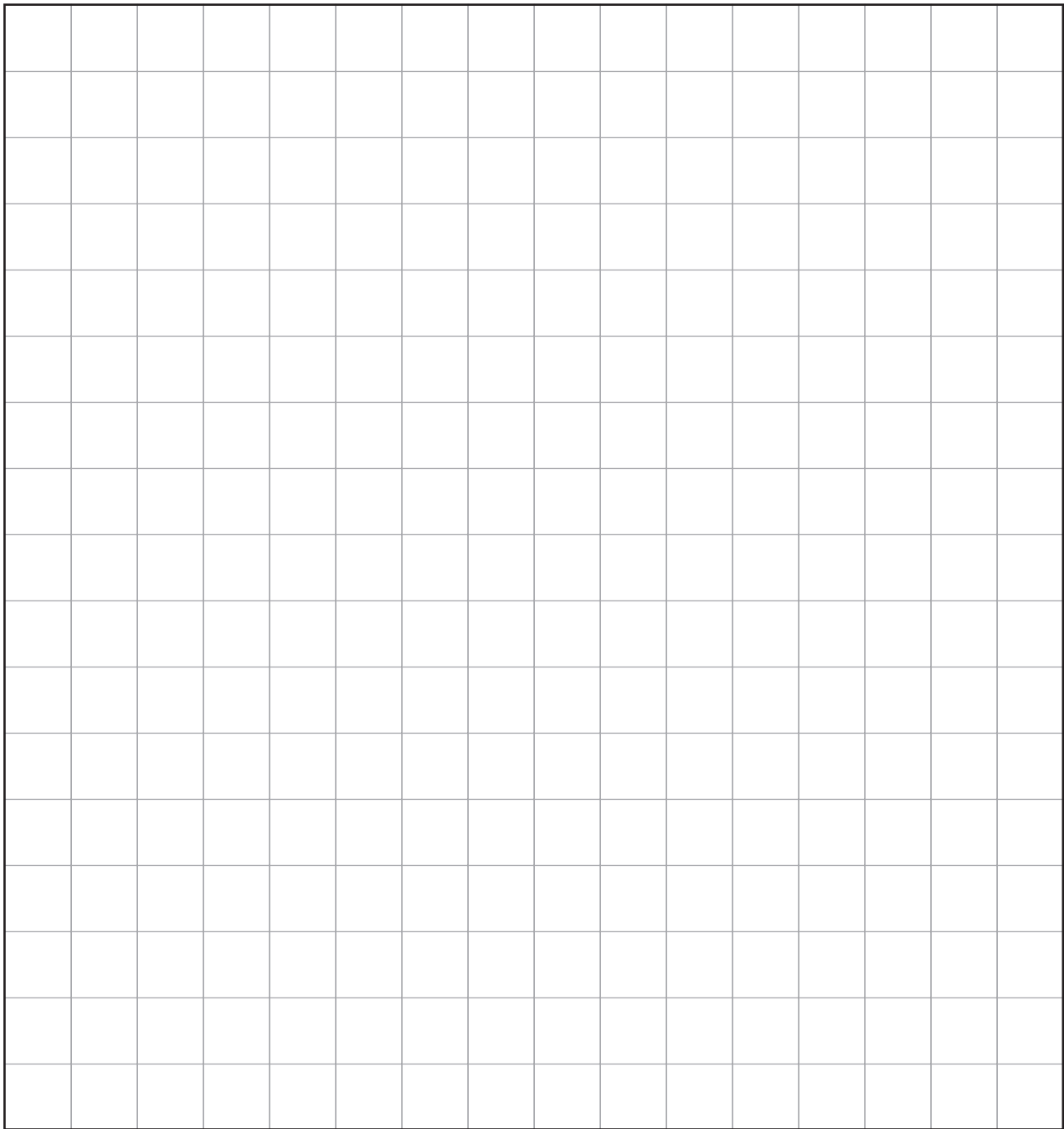
**Draw rectangles with an area of 18 square units.
Draw as many as you can.**



Drawing Rectangles

Draw a rectangle with each area.

- 8 square units
- 24 square units
- 12 square units
- 30 square units



Drawing Triangles

1. Draw two different triangles.
Measure and label the sides.

Use a
centimeter ruler.



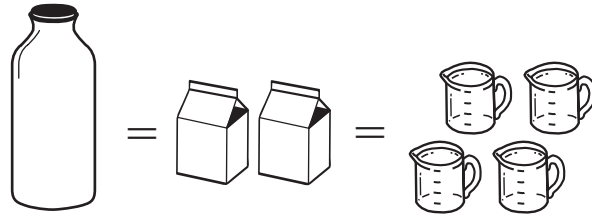
Triangle 1

Triangle 2

2. Will Triangle 1 fit inside Triangle 2? _____

3. Will Triangle 2 fit inside Triangle 1? _____

Comparing Units of Capacity

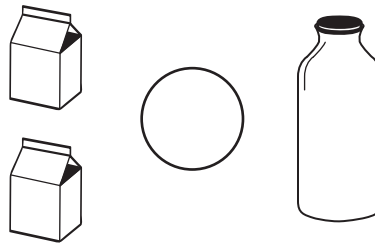


Write $>$, $<$, or $=$.

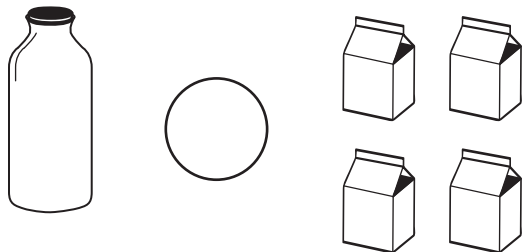
1.



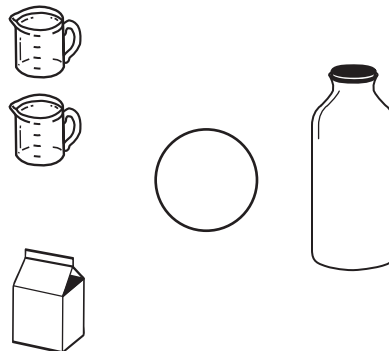
2.



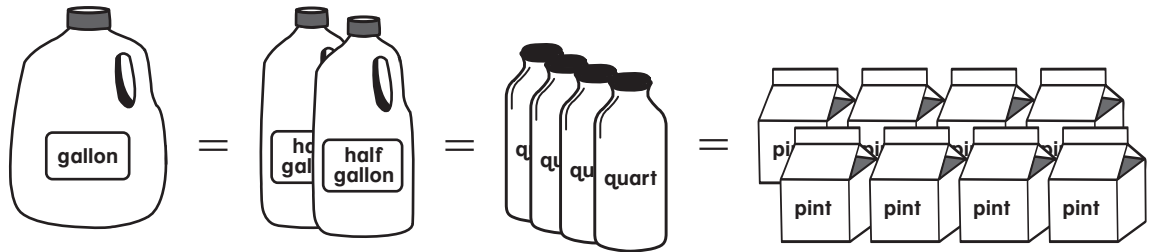
3.



4.

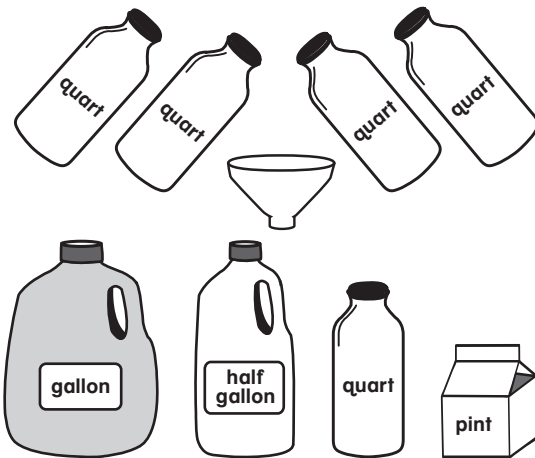


Measuring Capacity with Standard Units

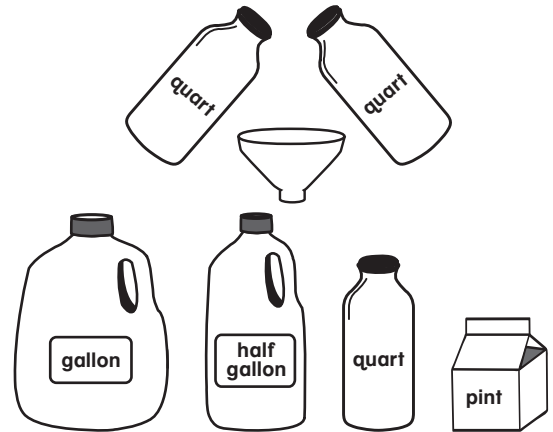


Color the containers that can be filled completely.

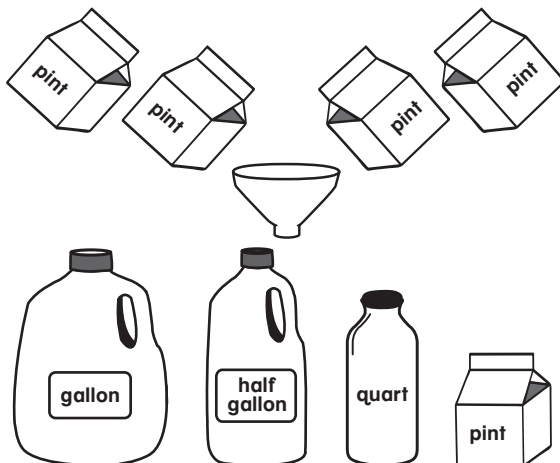
1.



2.



3.



4.

