

Showing Fractions

Use fraction circle pieces and *Writing Numbers in Words* from the *Student Guide* Reference section as you answer the questions.

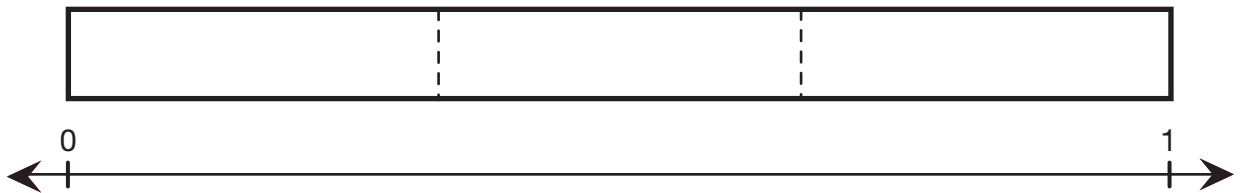


Self-Check: Question 1




1. **A.** Two aquas is what fraction of a pink?

_____ number _____ words

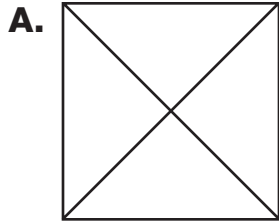
B. Shade $\frac{2}{3}$ of the fraction strip and label $\frac{2}{3}$ on the number line.



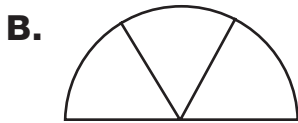
Use the menu and the Self-Check questions to choose practice with showing fractions with models, words, and symbols.

Workshop Menu			
	▲ Working On It!	● Getting It!	■ Got It!
Can I Do This?	 <p>I could use some extra help.</p> <p>Lee Yah</p>	 <p>I just need some more practice.</p> <p>Roberto</p>	 <p>I'm ready for a challenge.</p> <p>Michael</p>
<p>Show fractions using objects, area models, and drawings.</p> <p>Locate fractions on a number line.</p> <p>Use words and numbers to name fractions.</p>	<p>Questions 2–8, 10, 13–14, 17</p>	<p>Questions 4–12, 15–17</p>	<p>Questions 7–9, 12, 15–18</p>

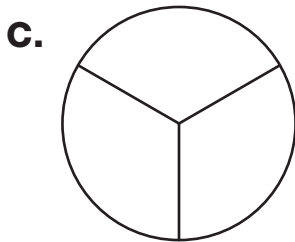
 **2.** Look at the shapes and then fill in the blanks.



_____ equal-size parts.
Each part is _____ of the whole.



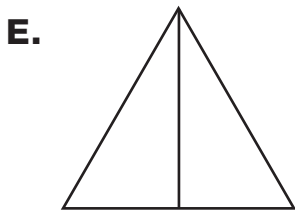
_____ equal-size parts.
Each part is _____ of the whole.



_____ equal-size parts.
Each part is _____ of the whole.

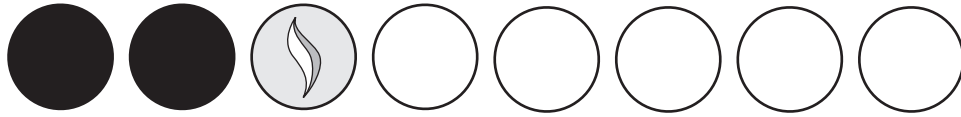


_____ equal-size parts.
Each part is _____ of the whole.



_____ equal-size parts.
Each part is _____ of the whole.

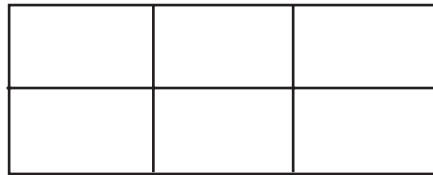
3. Luis has a collection of marbles.



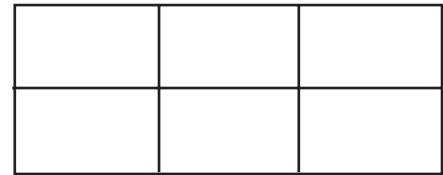
A. What fraction of the marbles are white? _____

B. What fraction are black? _____

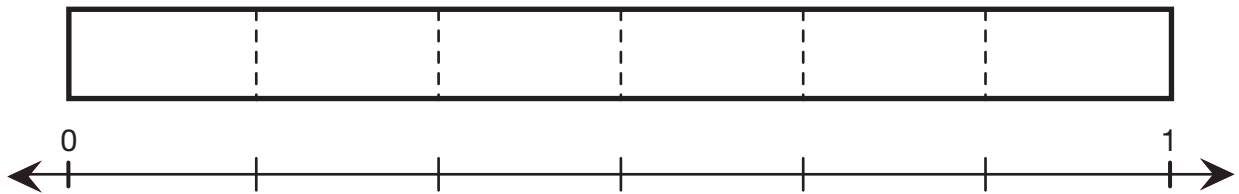
4. A. Jackie made brownies for the bake sale. Color $\frac{5}{6}$ of Jackie's pan of brownies.



B. Color $\frac{2}{3}$ of Jackie's pan of brownies.



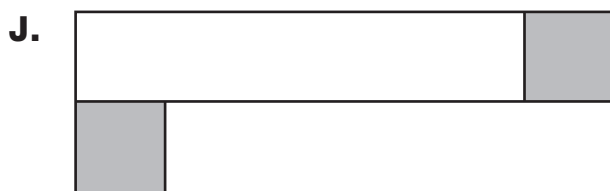
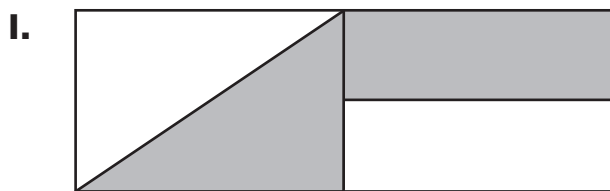
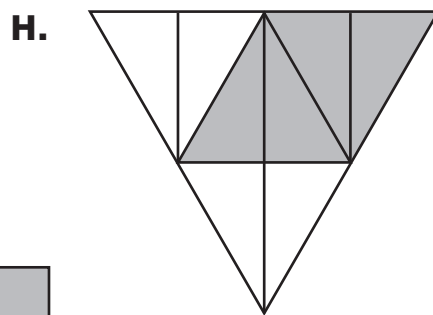
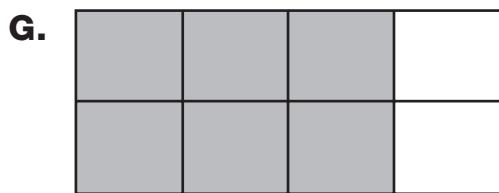
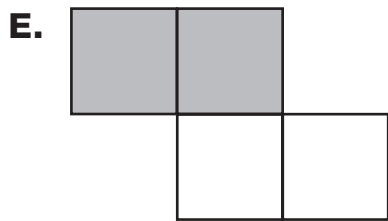
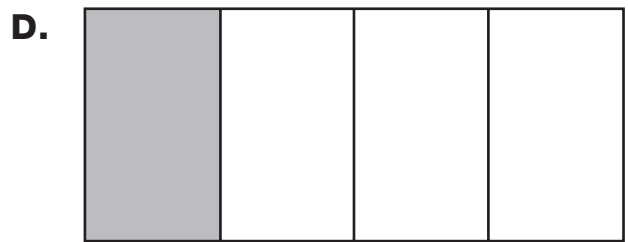
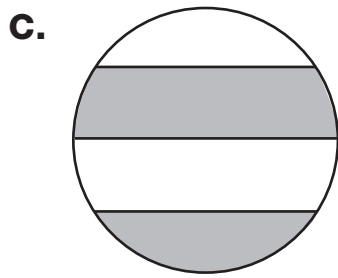
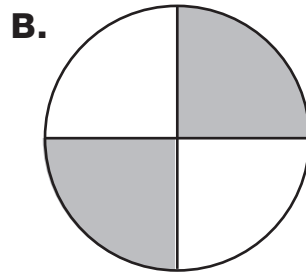
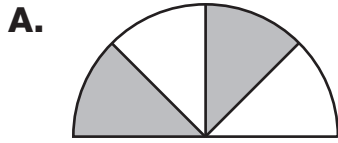
5. Shade $\frac{5}{6}$ of the fraction strip and label $\frac{5}{6}$ on the number line.





6. Shade $\frac{5}{8}$ of the fraction strip and label $\frac{5}{8}$ on the number line.



7. Draw a circle around the shapes that show two-fourths of the shape shaded in.





 **8.** Did you draw a circle around the shape in Question 7C?
Why or why not?

 **9.** Moe thinks the shape in Question 7F shows $\frac{4}{8}$ but not $\frac{2}{4}$.
Do you agree with Moe? Why or why not?

 **10.** If 8 counters are a whole set, how many are in one-fourth of a set?



 **11.** If 12 counters are a whole set, how many are in $\frac{1}{3}$ of a set?
Draw a picture to show how you decided.

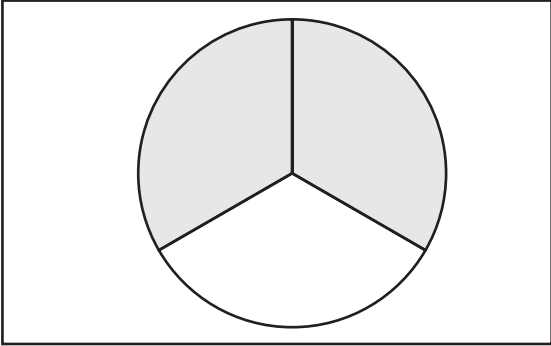
 **12.** If 12 counters are a whole set, how many are in $\frac{3}{4}$ of a set?
Draw a picture to show how you decided.

Show the fraction in each box in four other ways. The red circle is the unit whole.

▲ **13.**


_____ number

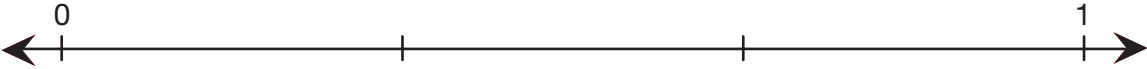
_____ words



drawing

one whole fraction strip



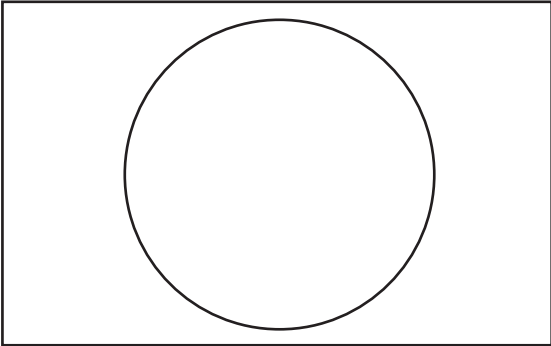


▲ **14.**

_____ number


five-eighths

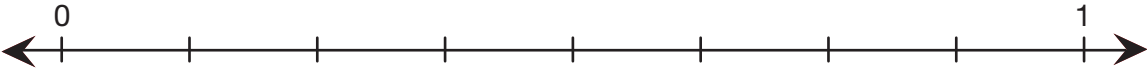
_____ words



drawing

one whole fraction strip





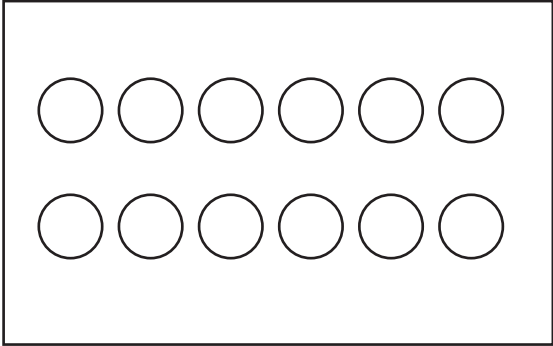
Show the fraction in each box in four other ways.

15.

_____ number


three-sixths

_____ words



drawing

one whole fraction strip

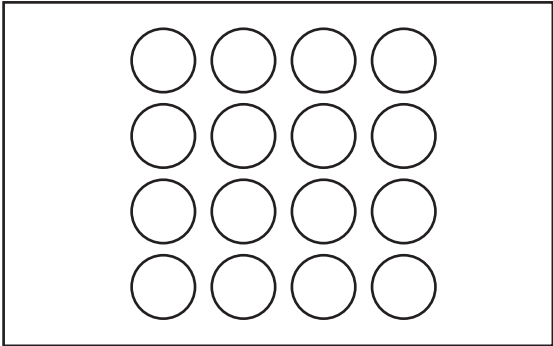


16.

$\frac{7}{8}$

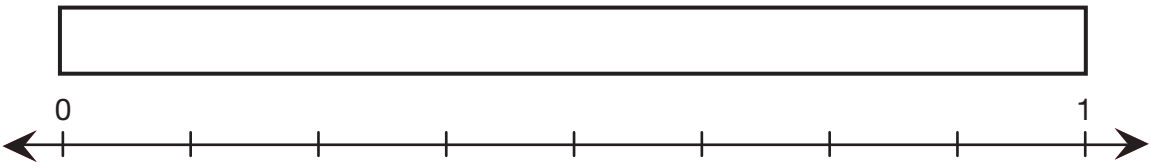
_____ number

_____ words



drawing

one whole fraction strip



Show the fraction in each box in four other ways.

17.

_____ number

_____ words

drawing

one whole fraction strip

The drawing shows two circles. The first is a whole circle. The second is a circle divided into three equal sectors, with two sectors shaded gray, representing the fraction 2/3.

18.

_____ number

_____ words

drawing

one whole fraction strip one whole fraction strip

The drawing shows a large empty rectangular box for a drawing.

The fraction strip below is divided into two equal halves, each labeled "one whole fraction strip". It has tick marks at 0, 1, and 2. A solid black dot is placed on the strip at the halfway point between 1 and 2, representing the fraction 1 1/2.