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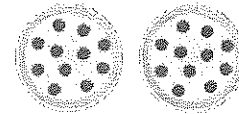
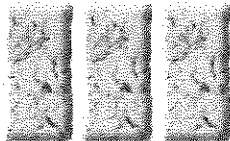
2.1 Equal Shares

Draw to show how much each person gets. Shade the amount that each person gets. Write the answer.

1. 6 friends share 3 small pies equally.
2. 8 students share 5 square pieces of cake equally.

Problem Solving

3. 4 boys share 3 granola bars equally.
Use the picture to find how much each boy gets.
4. Sean makes 2 pizzas. He gives 8 people an equal share of the pizza. How much pizza does each person get?



Fill in the bubble completely to show your answer.

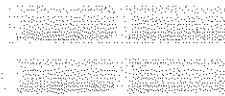
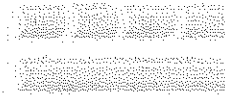


5. Jade and five friends had 3 oranges. They shared the oranges equally. How much of an orange did Jade and her friends each get?

- (A) 1 fourth
- (B) 1 half
- (C) 1 third
- (D) 2 halves

7. **Multi-Step** Four girls and two boys are working on an art project. They have four square pieces of felt. If each person gets an equal share of the felt, how much of a piece of felt will each person get?

- (A) 1 sixth
- (B) 1 fourth
- (C) 2 fourths
- (D) 4 sixths

6. Mr. Mott has two cheese sticks and four children. How should he cut the cheese sticks so that each child gets an equal share?

- (A) 
- (B) 
- (C) 
- (D) 

8. **Multi-Step** Matt has 3 cherry pies and 2 apple pies. He wants to share each type of pie equally among 4 different families. How much of each type of pie will each family get?



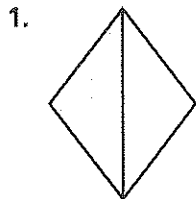
- (A) 1 half of a cherry pie and 3 fourths of an apple pie
- (B) 3 fourths of a cherry pie and 1 half of an apple pie
- (C) 3 fourths of a cherry pie and 3 fourths of an apple pie
- (D) 3 fourths of a cherry pie and 1 fourth of an apple pie

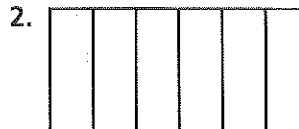


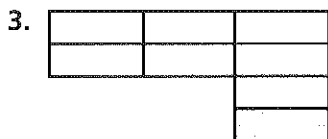
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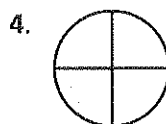
2.2 Unit Fractions of a Whole

Write the number of equal parts in the whole.
Then write the fraction that names the shaded part.





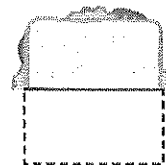




Problem Solving

5. Toni's fruit bar is divided into three equal pieces. Toni ate one piece. What fraction of the fruit bar did Toni eat? Draw a picture to show your answer.

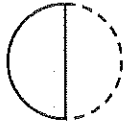
6. The missing part of the picture shows what Kylie ate for lunch. What fraction of the sandwich did Kylie eat?



Lesson Check

Fill in the bubble completely to show your answer.

7. The drawing below shows what the moon looks like tonight. What fraction names the shaded part?



- (A) $\frac{2}{1}$ (C) $\frac{1}{2}$
 (B) $\frac{1}{3}$ (D) $\frac{1}{6}$





8. Mike divided a piece of paper into 4 equal parts. He shaded one of the parts. What fraction of the piece of paper did Mike shade?



- (A) $\frac{1}{2}$ (C) $\frac{1}{8}$
 (B) $\frac{1}{4}$ (D) $\frac{4}{1}$

9. What is $\frac{1}{3}$ of this rectangle?



- (A)  (C) 
 (B)  (D) 

10. **Multi-Step** Two brothers each have a sandwich divided into 4 equal pieces. Each brother eats one part, or $\frac{1}{4}$, of his sandwich. How many parts of the sandwiches are left altogether?

- (A) 1 part (C) 6 parts
 (B) 4 parts (D) 8 parts

11. **Multi-Step** Taylor has a yellow block of cheese and an orange block of cheese. He cuts each block into eight equal parts and takes one part, or $\frac{1}{8}$, of each block. How many parts of the blocks of cheese are left altogether?

- (A) 6 parts (C) 8 parts
 (B) 14 parts (D) 12 parts

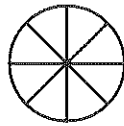


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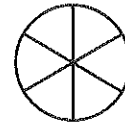
2.3 Fractions of a Whole

Shade the fraction circle to model the fraction.
Then write the fraction in numbers.

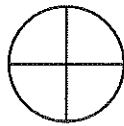
1. six out of eight



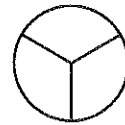
2. five sixths



3. one out of four



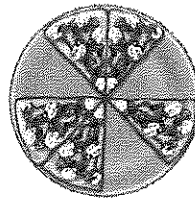
4. two thirds



Problem Solving



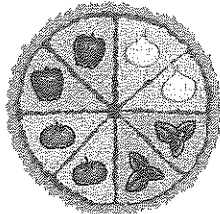
5. Shayna ordered a veggie pizza. The pizza had 8 slices. Shayna ate 3 slices. What fraction of the pizza is left?



Veggie

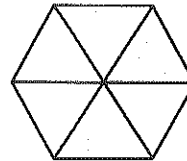
Fill in the bubble completely to show your answer.

6. What fraction of the pizza garden contains onions?



- Ⓐ $\frac{2}{6}$ Ⓒ $\frac{4}{8}$
 Ⓑ $\frac{2}{8}$ Ⓓ $\frac{3}{8}$

7. What fraction names the shaded part of the shape?



- Ⓐ $\frac{2}{6}$ Ⓒ $\frac{1}{6}$
 Ⓑ $\frac{4}{4}$ Ⓓ $\frac{4}{6}$

8. Cala plans to paint sections of a piece of paper with different colors. The diagram shows the colors she will use. What fraction of the piece of paper will be blue?

red	yellow	yellow	blue
red	yellow	yellow	blue

- Ⓐ $\frac{2}{8}$ Ⓒ $\frac{1}{8}$
 Ⓑ $\frac{2}{4}$ Ⓓ $\frac{4}{8}$

9. **Multi-Step** A flag is divided into four equal sections. One section is white. What fraction of the flag is not white?

- Ⓐ $\frac{1}{4}$
 Ⓑ $\frac{2}{4}$
 Ⓒ $\frac{4}{4}$
 Ⓓ $\frac{3}{4}$

10. **Multi-Step** Two out of six equal sections of a flower garden contain daisies. The remaining sections contain different kinds of lilies. What fraction of the garden includes lilies?

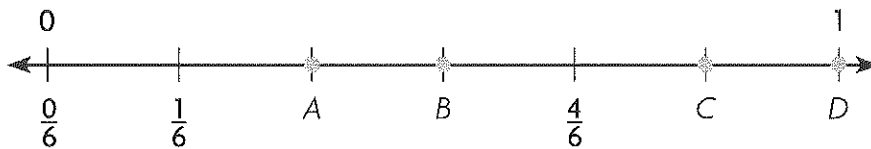
- Ⓐ $\frac{2}{6}$
 Ⓑ $\frac{4}{6}$
 Ⓒ $\frac{3}{6}$
 Ⓓ $\frac{1}{6}$



Name _____

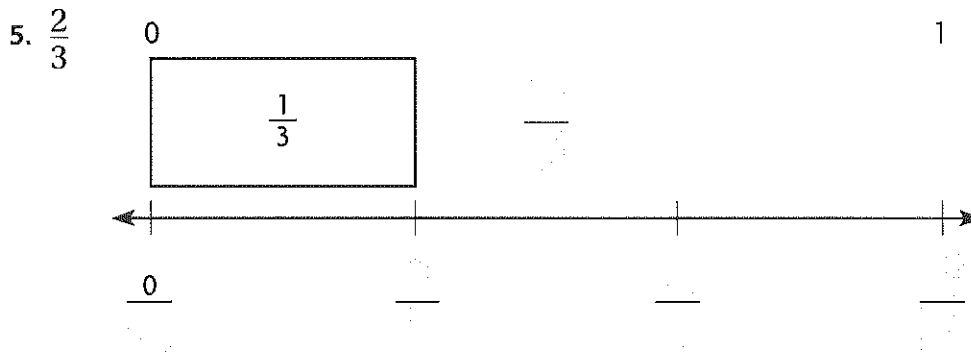
2.4 Fractions on a Number Line

Write the fraction that names the point on the number line.



1. point A 2. point B 3. point C 4. point D

Use fraction strips to help you complete the number line. Then locate and draw a point for the fraction.



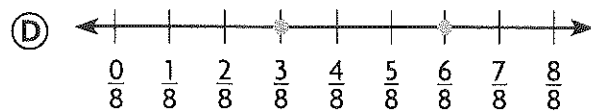
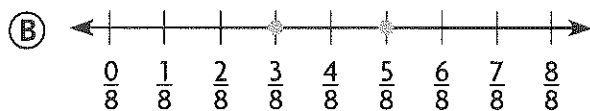
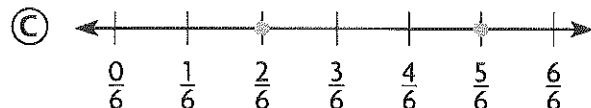
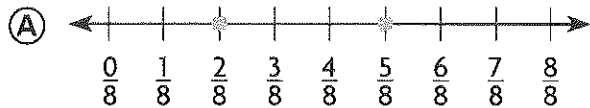
Problem Solving **Real World**

6. There is a walking trail at the park. Four laps around the trail is a distance of 1 mile. How many laps does it take to walk $\frac{3}{4}$ mile?
7. How many laps does it take to walk $\frac{1}{4}$ mile?

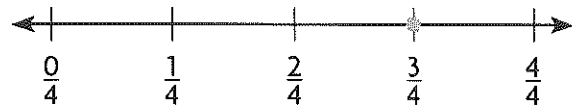
Lesson Check

Fill in the bubble completely to show your answer.

8. Jen rides a bike on a bike path. She stops at $\frac{3}{8}$ and $\frac{5}{8}$ of the total length of the path. Which number line shows these distances?



9. The point on the number line shows where the home football team lines up for the next play. Which fraction shows how far down the field the team is?

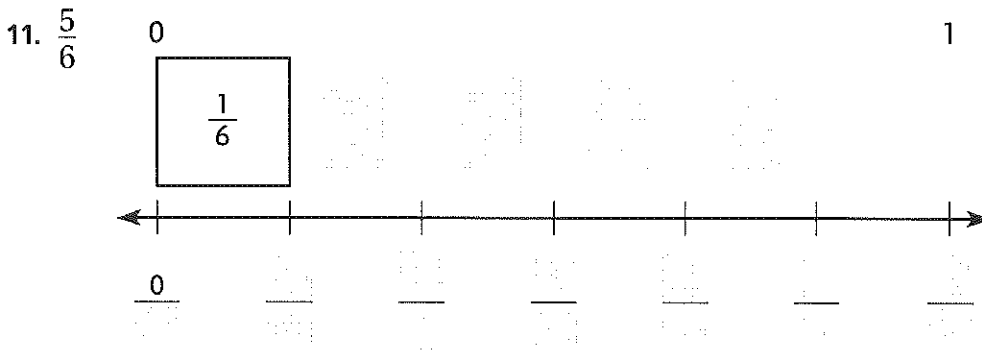


- (A) $\frac{1}{4}$ (B) $\frac{2}{4}$ (C) $\frac{3}{4}$ (D) $\frac{4}{4}$

10. **Multi-Step** Mrs. Foster pours six cups of lemonade from a full pitcher. How many cups can she pour from a pitcher that is $\frac{5}{6}$ full?

- (A) 6 cups (B) 4 cups (C) 3 cups (D) 5 cups

Use fraction strips to help you complete the number line. Then locate and draw a point for the fraction.





Name _____

2.5 Write Fractions

Write the fraction as a sum of unit fractions.

1. $\frac{4}{6}$

2. $\frac{5}{8}$

3. $\frac{2}{3}$

4. $\frac{6}{6}$

Write the fraction represented by the sum of unit fractions.

5. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

6. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

Problem Solving

7. Meg uses $\frac{1}{4}$ stick of butter to make breakfast for the family. That means that there is $\frac{3}{4}$ stick of butter left. How can you write $\frac{3}{4}$ as the sum of unit fractions?

8. Mr. Ayer cuts one melon into 8 equal pieces. Write the number 1 as a sum of unit fractions that name each piece of melon.

Fill in the bubble completely to show your answer.

9. What is $\frac{5}{6}$ written as the sum of unit fractions?

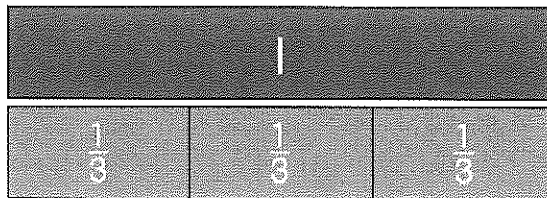
- (A) $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6}$
- (B) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$
- (C) $\frac{1}{6}$
- (D) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

10. Ross walks $\frac{3}{8}$ mile to school. What is $\frac{3}{8}$ written as the sum of unit fractions?

- (A) $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$
- (B) $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$
- (C) $\frac{1}{8}$
- (D) $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

11. What fraction is represented by the sum $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$?

- (A) $\frac{0}{3}$
- (B) $\frac{3}{3}$
- (C) $\frac{1}{3}$
- (D) $\frac{2}{3}$



12. **Multi-Step** Jamal sliced an orange into four equal pieces. He ate one slice and gave the rest to his friends. Which is equal to the fraction of the orange that Jamal gave to his friends?

- (A) $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- (B) $\frac{1}{4} + \frac{1}{4}$
- (C) $\frac{1}{4}$
- (D) $\frac{4}{1} + \frac{4}{1} + \frac{4}{1}$

13. **Multi-Step** A bookshelf is divided into six equal cubbies. Two of the cubbies are filled with DVDs. The rest are empty. Which is equal to the fraction of the empty cubbies?

- (A) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$
- (B) $\frac{1}{6} + \frac{1}{6}$
- (C) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$
- (D) $\frac{1}{6}$