

Fractions

Unit Test, Form A (page 1 of 2)

Score _____ / 13

1. Circle each shape that has one fourth shaded.



2. Each shape has equal parts. Write the fraction for the shaded part.



3. Write the shaded fraction in numbers. Then write it in words.



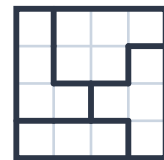
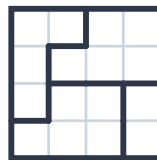
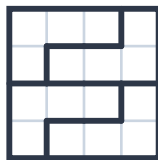
4. Shade each fraction.

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

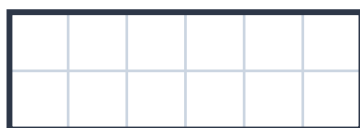
seven eighths



5. The squares are the same size. Circle each square cut into 4 parts with the same area.



6. Cut the rectangle into 6 parts with the same area. Shade one part. Write its fraction.



One part is $\frac{\square}{\square}$

Fractions

Unit Test, Form A (page 2 of 2)

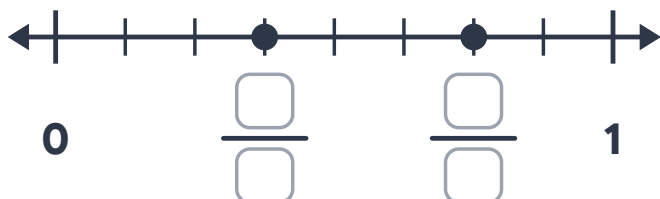
7. Write the fraction for the first mark after 0.



8. Draw marks to cut 0 to 1 into 4 equal parts. Label the first mark.



9. Write the fraction for each dot.

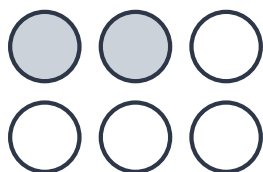


10. Draw a dot for each fraction.
Write the fraction under its dot.

Show $\frac{1}{4}$ and $\frac{3}{4}$.



11. What fraction of the counters are gray? What fraction are white?



Gray: $\frac{\square}{\square}$

White: $\frac{\square}{\square}$

12. Each bar is 1 whole. Write the shaded part as a fraction and a mixed number.



13. Write the fraction as a sum of unit fractions.



$\frac{5}{8} = \underline{\hspace{2cm}}$

Fractions

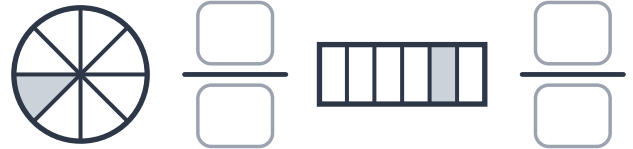
Unit Test, Form B (page 1 of 2)

Score _____ / 13

1. Circle each shape that has one third shaded.



2. Each shape has equal parts. Write the fraction for the shaded part.



3. Write the shaded fraction in numbers. Then write it in words.



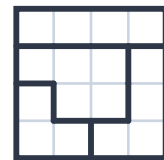
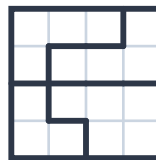
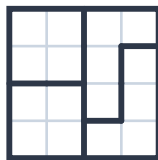
4. Shade each fraction.

$$\frac{3}{4}$$

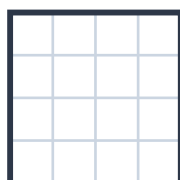
five sixths



5. The squares are the same size. Circle each square cut into 4 parts with the same area.



6. Cut the rectangle into 8 parts with the same area. Shade one part. Write its fraction.



One part is $\frac{\quad}{\quad}$

Fractions

Unit Test, Form B (page 2 of 2)

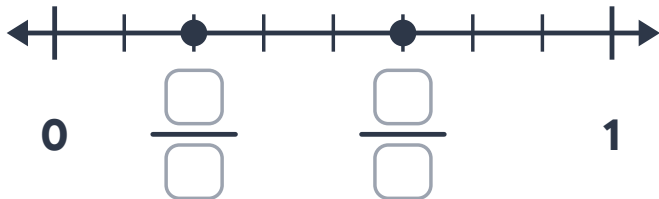
7. Write the fraction for the first mark after 0.



8. Draw marks to cut 0 to 1 into 3 equal parts. Label the first mark.



9. Write the fraction for each dot.

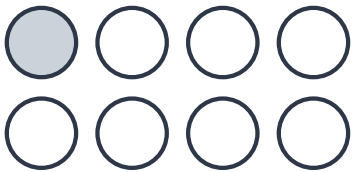


10. Draw a dot for each fraction.
Write the fraction under its dot.

Show $\frac{1}{3}$ and $\frac{2}{3}$.



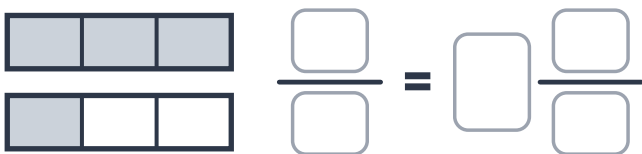
11. What fraction of the counters are gray? What fraction are white?



Gray: $\frac{\square}{\square}$

White: $\frac{\square}{\square}$

12. Each bar is 1 whole. Write the shaded part as a fraction and a mixed number.



13. Write the fraction as a sum of unit fractions.



$\frac{4}{6} = \underline{\hspace{2cm}}$

Fractions

Unit Test, Form A (page 1 of 2)

Score _____ / 13

1. Circle each shape that has one fourth shaded.



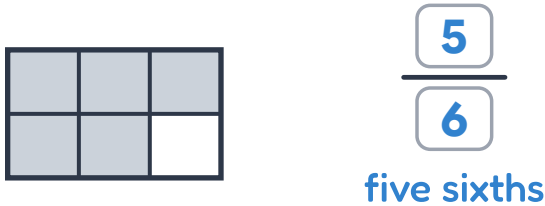
Lesson 9.1 · Unit fractions

2. Each shape has equal parts. Write the fraction for the shaded part.



Lesson 9.1 · Unit fractions

3. Write the shaded fraction in numbers. Then write it in words.

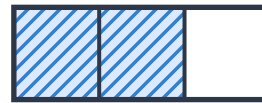


Lesson 9.2 · Numerator and denominator

4. Shade each fraction.

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

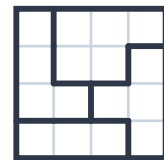
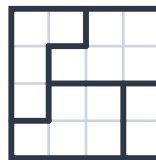
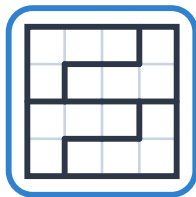
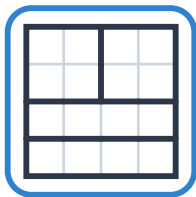
seven eighths



One way

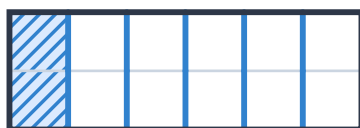
Lesson 9.2 · Numerator and denominator

5. The squares are the same size. Circle each square cut into 4 parts with the same area.



Lesson 9.3 · Parts with the same area

6. Cut the rectangle into 6 parts with the same area. Shade one part. Write its fraction.



One part is $\frac{1}{6}$

One way

Lesson 9.3 · Parts with the same area

Fractions

Unit Test, Form A (page 2 of 2)

7. Write the fraction for the first mark after 0.



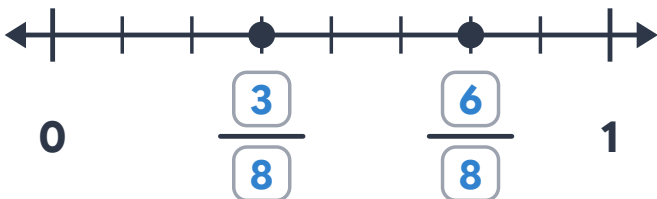
Lesson 9.5 · Unit fractions on a number line

8. Draw marks to cut 0 to 1 into 4 equal parts. Label the first mark.



Lesson 9.5 · Unit fractions on a number line

9. Write the fraction for each dot.



Lesson 9.6 · Fractions on a number line

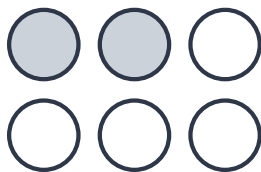
10. Draw a dot for each fraction.
Write the fraction under its dot.

Show $\frac{1}{4}$ and $\frac{3}{4}$.



Lesson 9.6 · Fractions on a number line

11. What fraction of the counters are gray? What fraction are white?



Gray: $\frac{2}{6}$

White: $\frac{4}{6}$

Lesson 9.4 · Sets and sharing

12. Each bar is 1 whole. Write the shaded part as a fraction and a mixed number.



Lesson 9.7 · Fractions greater than 1

13. Write the fraction as a sum of unit fractions.



$\frac{5}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

Lesson 9.8 · Unit fraction sums

Fractions

Unit Test, Form B (page 1 of 2)

Score _____ / 13

1. Circle each shape that has one third shaded.



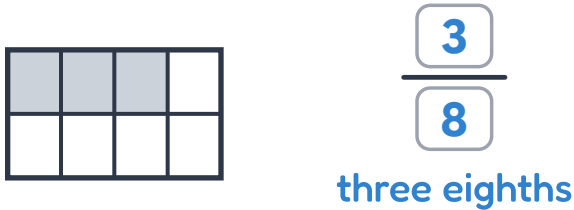
Lesson 9.1 · Unit fractions

2. Each shape has equal parts. Write the fraction for the shaded part.



Lesson 9.1 · Unit fractions

3. Write the shaded fraction in numbers. Then write it in words.

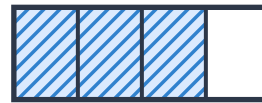


Lesson 9.2 · Numerator and denominator

4. Shade each fraction.

$$\frac{3}{4}$$

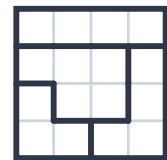
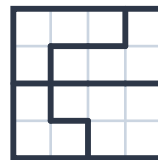
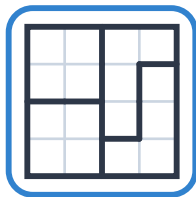
five sixths



One way

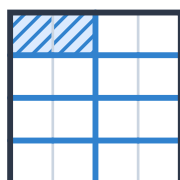
Lesson 9.2 · Numerator and denominator

5. The squares are the same size. Circle each square cut into 4 parts with the same area.



Lesson 9.3 · Parts with the same area

6. Cut the rectangle into 8 parts with the same area. Shade one part. Write its fraction.



One part is $\frac{1}{8}$

One way

Lesson 9.3 · Parts with the same area

Fractions

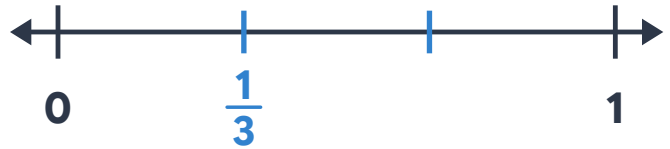
Unit Test, Form B (page 2 of 2)

7. Write the fraction for the first mark after 0.



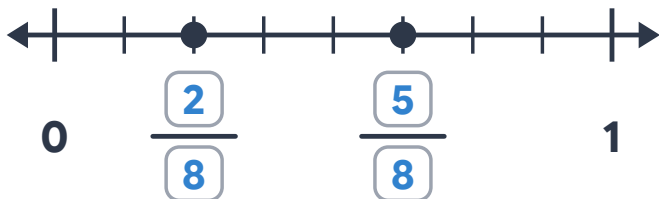
Lesson 9.5 · Unit fractions on a number line

8. Draw marks to cut 0 to 1 into 3 equal parts. Label the first mark.



Lesson 9.5 · Unit fractions on a number line

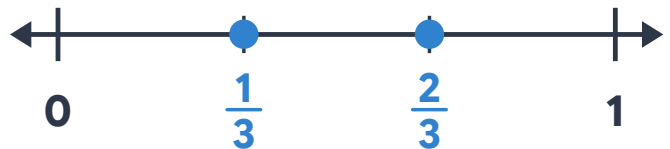
9. Write the fraction for each dot.



Lesson 9.6 · Fractions on a number line

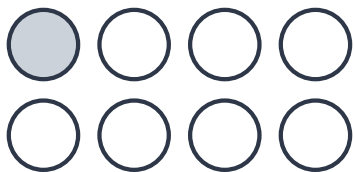
10. Draw a dot for each fraction.
Write the fraction under its dot.

Show $\frac{1}{3}$ and $\frac{2}{3}$.



Lesson 9.6 · Fractions on a number line

11. What fraction of the counters are gray? What fraction are white?



Gray: $\frac{1}{8}$

White: $\frac{7}{8}$

Lesson 9.4 · Sets and sharing

12. Each bar is 1 whole. Write the shaded part as a fraction and a mixed number.



Lesson 9.7 · Fractions greater than 1

13. Write the fraction as a sum of unit fractions.



$$\frac{4}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

Lesson 9.8 · Unit fraction sums