


Identifying fractions - using blocks


Grade 3 Fractions Worksheet

Write the fraction.

1.  = _____

2.  = _____

3.  = _____

4.  = _____


5.  = _____


6.  = _____


7.  = _____


8.  = _____


9.  = _____


10.  = _____


11.  = _____

12.  = _____


13.  = _____

14.  = _____


15.  = _____

16.  = _____

17.  = _____

18.  = _____

19.  = _____

20.  = _____


Identifying fractions - using blocks


Grade 3 Fractions Worksheet


Write the fraction.

1.  = $\frac{1}{4}$ _____

2.  = $\frac{3}{4}$ _____

3.  = $\frac{4}{6}$ _____

4.  = $\frac{3}{8}$ _____


5.  = $\frac{4}{10}$ _____


6.  = $\frac{1}{5}$ _____

7.  = $\frac{1}{3}$ _____


8.  = $\frac{1}{2}$ _____


9.  = $\frac{2}{4}$ _____


10.  = $\frac{2}{6}$ _____


11.  = $\frac{3}{10}$ _____

12.  = $\frac{2}{3}$ _____


13.  = $\frac{4}{8}$ _____

14.  = $\frac{7}{8}$ _____


15.  = $\frac{5}{6}$ _____

16.  = $\frac{7}{10}$ _____

17.  = $\frac{2}{5}$ _____

18.  = $\frac{6}{10}$ _____

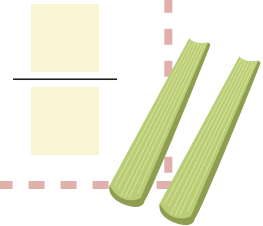
19.  = $\frac{4}{5}$ _____

20.  = $\frac{2}{8}$ _____

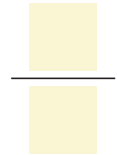
Fraction Action

Answer each question.

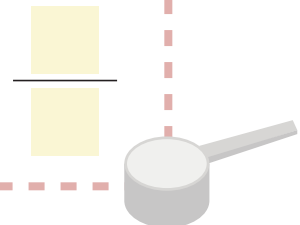
Kiki ate $\frac{1}{6}$ of the celery sticks. What fraction of the celery sticks is left for Carl to eat?



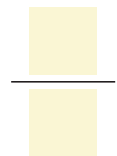
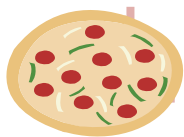
Fanny picked $\frac{2}{5}$ of the oranges from the tree. What fraction of the oranges is left for Tina to pick?



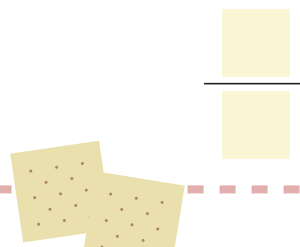
Pam poured $\frac{1}{4}$ cup of sugar into the cake mix. Her mom poured another $\frac{1}{4}$ cup. How much sugar is in the cake mix?



Gene ate $\frac{2}{8}$ of the pizza pie. Tommy ate $\frac{1}{8}$ of the pizza pie. What fraction of the pizza pie was eaten altogether?

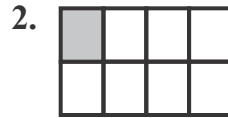
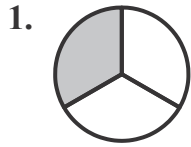


Jordan ate $\frac{3}{9}$ of the crackers. Sam ate $\frac{4}{9}$ of the crackers. What fraction of the crackers is left?



Fractions Progress

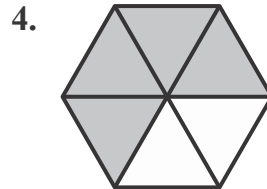
Write the unit fraction for the shaded section of each model.



1. _____

2. _____

Write the fraction for the part or part of the set that is shaded. Then write the fraction for the part that is not shaded.



3. _____

4. _____



5. _____



6. _____

Solve each problem by drawing a diagram.

7. Seven children were on a swing set. Then 2 children got off. What fraction of the children did not get off the swing set?

7. _____

8. Francis has 5 dolls. She gave 2 dolls to her little sister. She also gave 2 dolls to a donation center. What fraction of the dolls did she keep?

8. _____



Equivalent Fractions (only numerators missing)

Grade 3 Fractions Worksheet

Complete the equivalent fractions.

1. $\frac{2}{5} = \frac{\quad}{30}$

2. $\frac{\quad}{2} = \frac{6}{12}$

3. $\frac{2}{3} = \frac{\quad}{27}$

4. $\frac{1}{2} = \frac{\quad}{18}$

5. $\frac{\quad}{3} = \frac{12}{18}$

6. $\frac{4}{5} = \frac{\quad}{25}$

7. $\frac{\quad}{3} = \frac{6}{18}$

8. $\frac{1}{2} = \frac{\quad}{14}$

9. $\frac{2}{5} = \frac{\quad}{50}$

10. $\frac{2}{2} = \frac{5}{10}$

11. $\frac{\quad}{3} = \frac{16}{24}$

12. $\frac{4}{5} = \frac{\quad}{15}$

13. $\frac{\quad}{5} = \frac{36}{45}$

14. $\frac{\quad}{2} = \frac{2}{4}$

15. $\frac{\quad}{3} = \frac{2}{6}$

16. $\frac{2}{3} = \frac{\quad}{21}$

17. $\frac{2}{5} = \frac{\quad}{15}$

18. $\frac{\quad}{3} = \frac{6}{9}$



Equivalent Fractions (only numerators missing)

Grade 3 Fractions Worksheet

Complete the equivalent fractions.

1. $\frac{2}{5} = \frac{12}{30}$

2. $\frac{1}{2} = \frac{6}{12}$

3. $\frac{2}{3} = \frac{18}{27}$

4. $\frac{1}{2} = \frac{9}{18}$

5. $\frac{2}{3} = \frac{12}{18}$

6. $\frac{4}{5} = \frac{20}{25}$

7. $\frac{1}{3} = \frac{6}{18}$

8. $\frac{1}{2} = \frac{7}{14}$

9. $\frac{2}{5} = \frac{20}{50}$

10. $\frac{1}{2} = \frac{5}{10}$

11. $\frac{2}{3} = \frac{16}{24}$

12. $\frac{4}{5} = \frac{12}{15}$

13. $\frac{4}{5} = \frac{36}{45}$

14. $\frac{1}{2} = \frac{2}{4}$

15. $\frac{1}{3} = \frac{2}{6}$

16. $\frac{2}{3} = \frac{14}{21}$

17. $\frac{2}{5} = \frac{6}{15}$

18. $\frac{2}{3} = \frac{6}{9}$



Equivalent Fractions (only numerators missing)

Grade 3 Fractions Worksheet

Complete the equivalent fractions.

1. $\frac{1}{2} = \frac{\quad}{20}$

2. $\frac{\quad}{3} = \frac{14}{21}$

3. $\frac{4}{5} = \frac{\quad}{20}$

4. $\frac{1}{5} = \frac{\quad}{45}$

5. $\frac{2}{3} = \frac{\quad}{27}$

6. $\frac{2}{5} = \frac{\quad}{40}$

7. $\frac{1}{2} = \frac{\quad}{8}$

8. $\frac{\quad}{3} = \frac{6}{9}$

9. $\frac{1}{5} = \frac{\quad}{50}$

10. $\frac{1}{2} = \frac{\quad}{12}$

11. $\frac{1}{3} = \frac{\quad}{12}$

12. $\frac{\quad}{5} = \frac{6}{15}$

13. $\frac{\quad}{3} = \frac{2}{6}$

14. $\frac{\quad}{5} = \frac{6}{10}$

15. $\frac{\quad}{3} = \frac{5}{15}$

16. $\frac{2}{5} = \frac{\quad}{50}$

17. $\frac{\quad}{2} = \frac{2}{4}$

18. $\frac{1}{3} = \frac{\quad}{9}$



Equivalent Fractions (only numerators missing)

Grade 3 Fractions Worksheet

Complete the equivalent fractions.

1. $\frac{1}{2} = \frac{10}{20}$

2. $\frac{2}{3} = \frac{14}{21}$

3. $\frac{4}{5} = \frac{16}{20}$

4. $\frac{1}{5} = \frac{9}{45}$

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6. $\frac{2}{5} = \frac{16}{40}$

7. $\frac{1}{2} = \frac{4}{8}$

8. $\frac{2}{3} = \frac{6}{9}$

9. $\frac{1}{5} = \frac{10}{50}$

10. $\frac{1}{2} = \frac{6}{12}$

11. $\frac{1}{3} = \frac{4}{12}$

12. $\frac{2}{5} = \frac{6}{15}$

13. $\frac{1}{3} = \frac{2}{6}$

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18. $\frac{1}{3} = \frac{3}{9}$

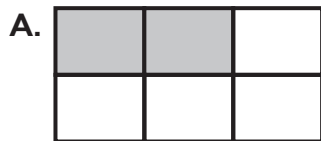
Fraction Review

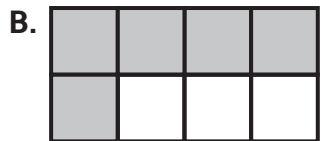
1. Tina's mother baked a cake. When she was finished, she cut the cake in half. Then she cut each of these pieces in half. Finally, she cut each of these last pieces in half.

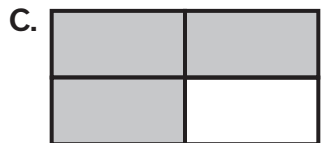
Part A: How many equal pieces of cake did she have when she was finished?

Part B: What unit fraction represents each piece of cake?

2. Write the fractions for the shaded part of each figure.









3. Prasad and Victoria are in the same class and have the same homework. Prasad has done $\frac{1}{4}$ of his homework. Victoria has done $\frac{2}{8}$ of her homework. Has Victoria done a greater part of the homework? Explain.

4. Shade the number of circles to represent the fraction.

A. two-thirds



B. three-fourths



C. six-sixths



D. five-eighths



5. Jamal's father ordered a pizza. The pizza has 8 slices. The order called for 4 slices with sausage, 2 slices with mushrooms, and 2 slices with peppers.

Part A: What fraction of the pizza has sausage?

Part B: What fraction of the pizza has mushrooms?

Part C: What fraction of the pizza does *not* have peppers?

6. Sean made fresh fruit salad for his sister's birthday party. He cut up 2 bananas, 2 oranges, 3 apples, and 1 small pineapple. What fraction of these fruits were oranges?

7. Jessica checked her piggy bank. She found that she had 2 quarters, 1 dime, 2 nickels, and 3 pennies. What fraction of the coins in Jessica's piggy bank were either nickels or pennies?

8. A vase has 6 flowers in it. There are 3 roses, $\frac{1}{3}$ are peonies, and the rest are lilies. What fraction of the flowers are lilies?

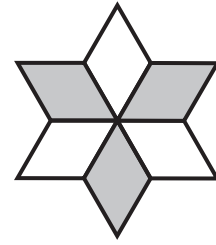
9. Jane has 8 pairs of socks. She has 2 pairs of white socks, 4 pairs of black socks, 1 pair of pink socks, and 1 pair of purple socks. Which equivalent fractions represent the pairs of black socks that Jane has?

- $\frac{2}{8}$
 $\frac{4}{8}$
 $\frac{1}{4}$
 $\frac{1}{2}$

10. Choose the number for the numerator that makes the fraction $\frac{?}{8}$ equivalent to the fraction $\frac{3}{4}$.

- 3 4 5 6

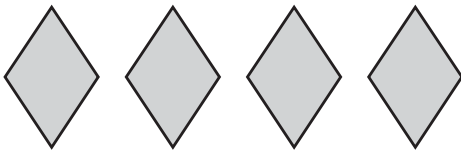
11. Tamara drew the star at the right and shaded it as shown. Write a fraction that represents the shaded parts of the star.



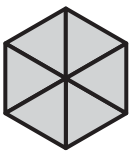
12. Sid has 6 toy cars. There are 3 red cars, 2 blue cars, and 1 yellow car. Write the fraction in words to describe the set of cars that are blue.

13. Write a fraction to represent the shaded part of each whole or set of wholes.

A.



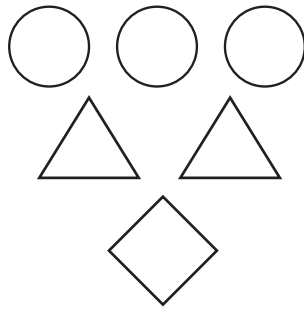
B.



14. A small cake is divided into 6 equal pieces. Which fraction shows how much cake is left if 4 pieces have been eaten?

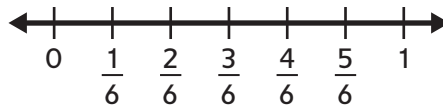
- $\frac{1}{6}$
 $\frac{2}{6}$
 $\frac{3}{6}$
 $\frac{4}{6}$

15. Tahmid has the set of 6 buttons shown below.



Part A: Write a fraction that represents the number of buttons that are triangles.

Part B: Mark the number line to represent the number of buttons that are triangles.



Part C: Mark the number line to represent an equivalent fraction that shows the number of buttons that are triangles.

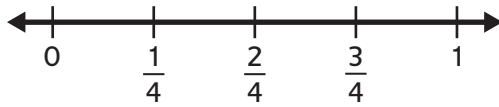


16. Nico makes a number line from 0 to 1. Then he divides the number line into 8 equal parts. What seven fractions will he write at the marks between 0 and 1?

17. Eric has 4 marbles. He has 3 green marbles and 1 purple marble. Write the fraction that represents the part of the marbles that are *not* purple.

18. Adede read $\frac{2}{4}$ of a book. Reed read $\frac{3}{4}$ of the same book.

Part A: Plot a point on the number line for each fraction.



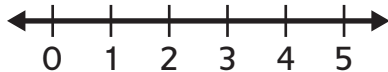
Part B: Use $>$ or $<$ to write a number sentence that compares the fractions.

Part C: Who read more of the book?

19. Rob has 5 blue sweaters.

Part A: Write a fraction that represents the number of blue sweaters that Rob has?

Part B: Plot a point on the number line that represents the fraction.



20. Erica made 4 of the 8 shots she attempted in one basketball game. Tyler attempted 6 shots and made the same fraction of his shots that Erica made. How many shots did Tyler make?

Fraction Review Answer Key

1. Tina's mother baked a cake. When she was finished, she cut the cake in half. Then she cut each of these pieces in half. Finally, she cut each of these last pieces in half.

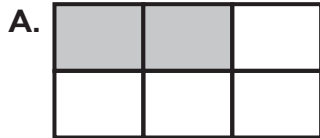
Part A: How many equal pieces of cake did she have when she was finished?

8 pieces

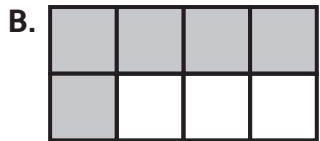
Part B: What unit fraction represents each piece of cake?

$\frac{1}{8}$

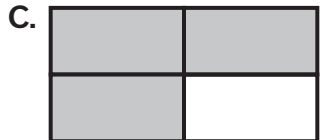
2. Write the fractions for the shaded part of each figure.



$\frac{2}{6}$ or $\frac{1}{3}$



$\frac{5}{8}$



$\frac{3}{4}$



$\frac{2}{3}$

3. Prasad and Victoria are in the same class and have the same homework. Prasad has done $\frac{1}{4}$ of his homework. Victoria has done $\frac{2}{8}$ of her homework. Has Victoria done a greater part of the homework? Explain.

No; they have done the same amount. $\frac{1}{4}$ and $\frac{2}{8}$ are equivalent fractions.

4. Shade the number of circles to represent the fraction.

A. two-thirds



B. three-fourths



C. six-sixths



D. five-eighths



5. Jamal's father ordered a pizza. The pizza has 8 slices. The order called for 4 slices with sausage, 2 slices with mushrooms, and 2 slices with peppers.

Part A: What fraction of the pizza has sausage?

$\frac{4}{8}$ or $\frac{2}{4}$ or $\frac{1}{2}$

Part B: What fraction of the pizza has mushrooms?

$\frac{2}{8}$ or $\frac{1}{4}$

Part C: What fraction of the pizza does *not* have peppers?

$\frac{6}{8}$ or $\frac{3}{4}$

6. Sean made fresh fruit salad for his sister's birthday party. He cut up 2 bananas, 2 oranges, 3 apples, and 1 small pineapple. What fraction of these fruits were oranges?

$\frac{2}{8}$ or $\frac{1}{4}$

7. Jessica checked her piggy bank. She found that she had 2 quarters, 1 dime, 2 nickels, and 3 pennies. What fraction of the coins in Jessica's piggy bank were either nickels or pennies?

$\frac{5}{8}$

8. A vase has 6 flowers in it. There are 3 roses, $\frac{1}{3}$ are peonies, and the rest are lilies. What fraction of the flowers are lilies?

$\frac{1}{6}$

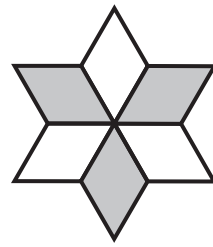
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 $\frac{4}{8}$
 $\frac{1}{4}$
 $\frac{1}{2}$

10. Choose the number for the numerator that makes the fraction $\frac{?}{8}$ equivalent to the fraction $\frac{3}{4}$.

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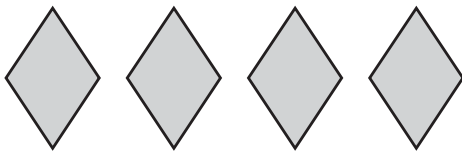
$\frac{3}{6}$ or $\frac{1}{3}$

12. Sid has 6 toy cars. There are 3 red cars, 2 blue cars, and 1 yellow car. Write the fraction in words to describe the set of cars that are blue.

two-sixths or one-third

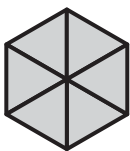
13. Write a fraction to represent the shaded part of each whole or set of wholes.

A.



$\frac{4}{1}$

B.

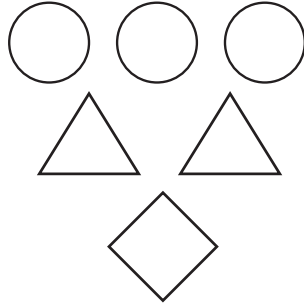


$\frac{3}{6}$

14. A small cake is divided into 6 equal pieces. Which fraction shows how much cake is left if 4 pieces have been eaten?

- $\frac{1}{6}$
- $\frac{2}{6}$
- $\frac{3}{6}$
- $\frac{4}{6}$

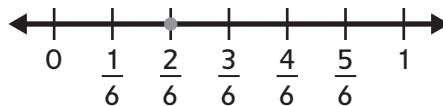
15. Tahmid has the set of 6 buttons shown below.



Part A: Write a fraction that represents the number of buttons that are triangles.

$$\frac{2}{6}$$

Part B: Mark the number line to represent the number of buttons that are triangles.



Part C: Mark the number line to represent an equivalent fraction that shows the number of buttons that are triangles.



16. Nico makes a number line from 0 to 1. Then he divides the number line into 8 equal parts. What seven fractions will he write at the marks between 0 and 1?

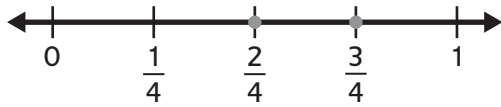
$$\frac{1}{8}, \frac{2}{8}, \frac{3}{8}, \frac{4}{8}, \frac{5}{8}, \frac{6}{8}, \frac{7}{8}$$

17. Eric has 4 marbles. He has 3 green marbles and 1 purple marble. Write the fraction that represents the part of the marbles that are *not* purple.

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

18. Adede read $\frac{2}{4}$ of a book. Reed read $\frac{3}{4}$ of the same book.

Part A: Plot a point on the number line for each fraction.



Part B: Use $>$ or $<$ to write a number sentence that compares the fractions.

$$\frac{2}{4} < \frac{3}{4} \text{ or } \frac{3}{4} > \frac{2}{4}$$

Part C: Who read more of the book?

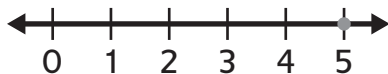
Reed read more of the book.

19. Rob has 5 blue sweaters.

Part A: Write a fraction that represents the number of blue sweaters that Rob has?

$$\frac{5}{1}$$

Part B: Plot a point on the number line that represents the fraction.



20. Erica made 4 of the 8 shots she attempted in one basketball game. Tyler attempted 6 shots and made the same fraction of his shots that Erica made. How many shots did Tyler make?

3