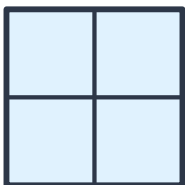


Understanding Fractions

A fraction names equal parts of a whole.

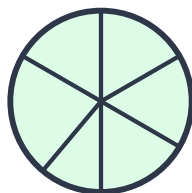
Are the parts equal? Circle equal or not equal.

Example



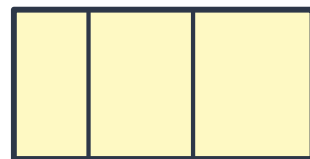
equal not equal

1.



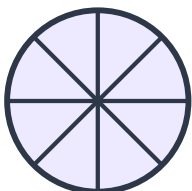
equal not equal

2.



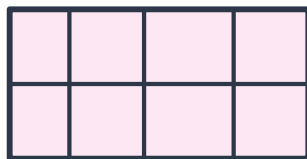
equal not equal

3.



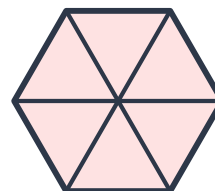
equal not equal

4.



equal not equal

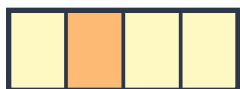
5.



equal not equal

How many equal parts? Write the fraction for one part.

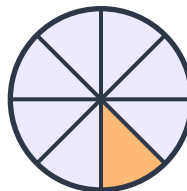
Example



4 equal parts

One part is $\frac{1}{4}$

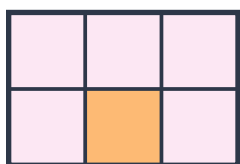
6.



equal parts

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

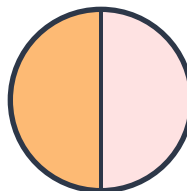
7.



equal parts

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

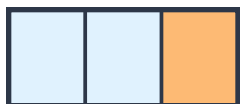
8.



equal parts

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

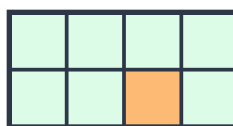
9.



equal parts

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

10.



equal parts

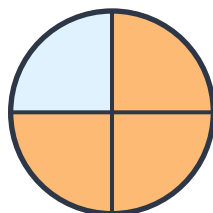
One part is $\frac{\text{ } \text{ }}{\text{ } \text{ }}$

Understanding Fractions

Write each fraction in numbers and in words.

Write the shaded fraction. Name its numerator and denominator.

Example



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

numerator

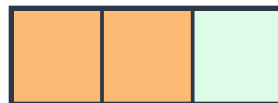
3

denominator

4

In words: three fourths

1.



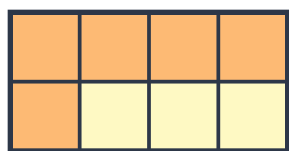
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

2.



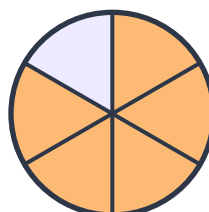
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

3.



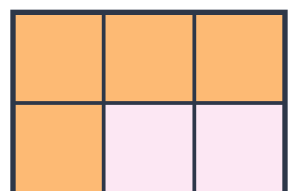
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

4.



$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

5.



$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

Write each fraction in numbers.

6. one third

$$\frac{\quad}{\quad}$$

7. two sixths

$$\frac{\quad}{\quad}$$

8. three eighths

$$\frac{\quad}{\quad}$$

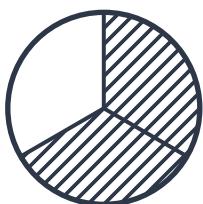
Understanding Fractions

Shade the parts to show each fraction.

Each shape is cut into equal parts. Shade the fraction.

Example

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



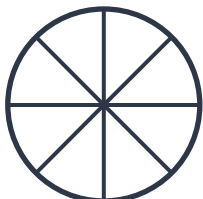
1. Shade three eighths.



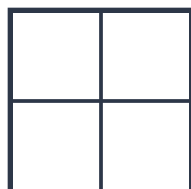
2. Shade $\frac{5}{6}$.



3. Shade $\frac{1}{8}$.



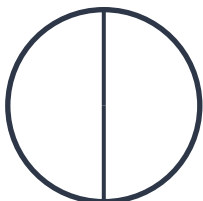
4. Shade three fourths.



5. Shade $\frac{2}{6}$.



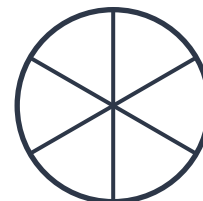
6. Shade one half.



7. Shade $\frac{2}{4}$.

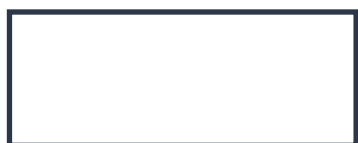


8. Shade four sixths.

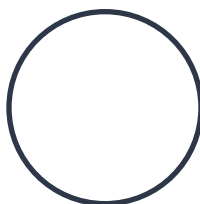


Draw lines to cut each shape into equal parts. Then shade.

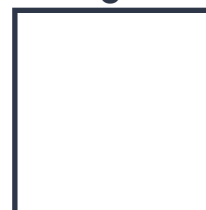
9. Cut it into fourths.
Shade $\frac{3}{4}$.



10. Cut it into thirds.
Shade $\frac{1}{3}$.



11. Cut it into eighths.
Shade $\frac{5}{8}$.

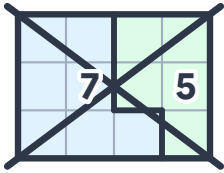


Understanding Fractions

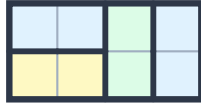
Equal parts have the same area. They can look different.

Count the squares. Cross out each shape whose parts are not equal.

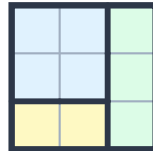
Example



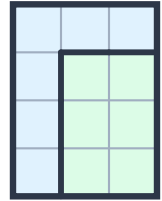
1.



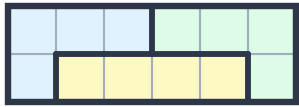
2.



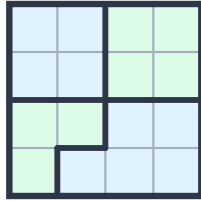
3.



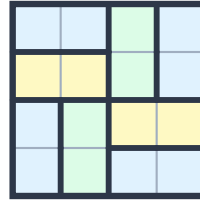
4.



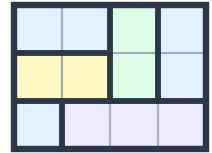
5.



6.

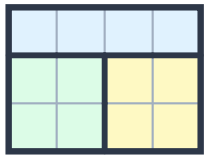


7.



The parts are equal. Write the fraction for one part.

Example



Each part has

4

squares.

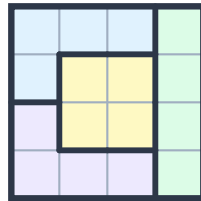
Each part is

1

of the whole.

3

8.



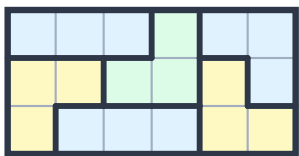
Each part has

squares.

Each part is

of the whole.

9.



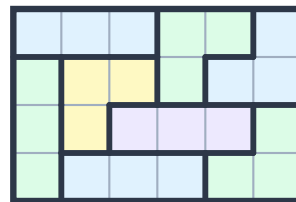
Each part has

squares.

Each part is

of the whole.

10.



Each part has

squares.

Each part is

of the whole.

Understanding Fractions

A fraction can name part of a set, or a fair share.

Write the fraction of the set.

Example

What fraction of the counters are shaded?



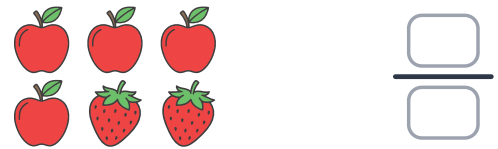
1. What fraction of the animals are turtles?



2. What fraction of the counters are not shaded?



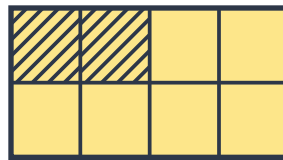
3. What fraction of the fruit are apples?



Share equally. Write the fraction each one gets.

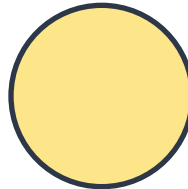
Example

4 friends share a pan of brownies cut into 8 equal pieces. What fraction of the pan does each friend get?



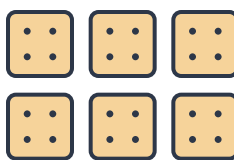
Each gets $\frac{2}{8}$ pieces of the pan.

4. 3 children share a pizza equally. Draw lines to cut it. What fraction of the pizza does each child get?



Each gets $\frac{\quad}{\quad}$ of the pizza.

5. 2 friends share 6 crackers equally. What fraction of the crackers does each friend get?



Each gets $\frac{\quad}{6}$ crackers.

Understanding Fractions

A fraction names equal parts of a whole.

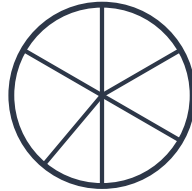
Are the parts equal? Circle equal or not equal.

Example



equal not equal

1.



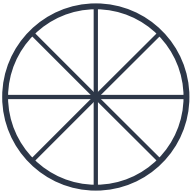
equal not equal

2.



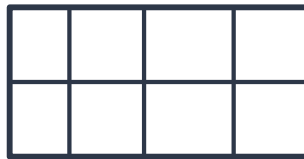
equal not equal

3.



equal not equal

4.



equal not equal

5.



equal not equal

How many equal parts? Write the fraction for one part.

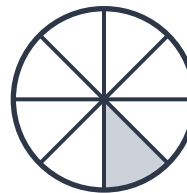
Example



4 equal parts

One part is $\frac{1}{4}$

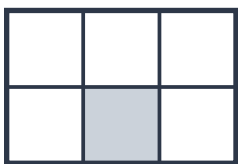
6.



equal parts

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

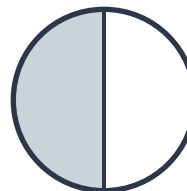
7.



equal parts

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

8.



equal parts

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

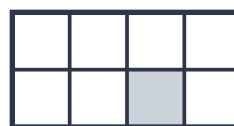
9.



equal parts

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

10.



equal parts

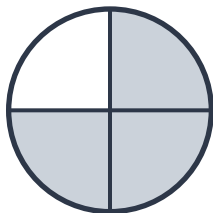
One part is $\frac{\text{ } \text{ }}{\text{ } \text{ }}$

Understanding Fractions

Write each fraction in numbers and in words.

Write the shaded fraction. Name its numerator and denominator.

Example



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

numerator

denominator

In words: three fourths

1.



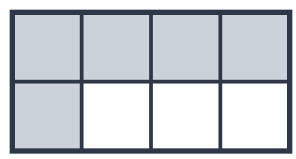
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

2.



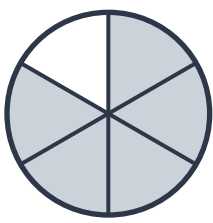
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

3.



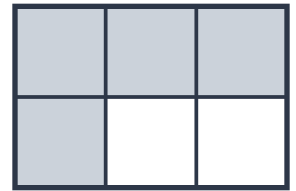
$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

4.



$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

5.



$$\frac{\quad}{\quad}$$

numerator

denominator

In words: _____

Write each fraction in numbers.

6. one third

$$\frac{\quad}{\quad}$$

7. two sixths

$$\frac{\quad}{\quad}$$

8. three eighths

$$\frac{\quad}{\quad}$$

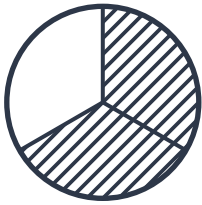
Understanding Fractions

Shade the parts to show each fraction.

Each shape is cut into equal parts. Shade the fraction.

Example

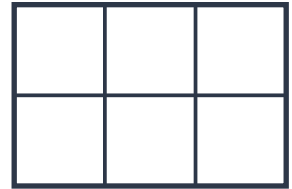
Shade $\frac{2}{3}$.



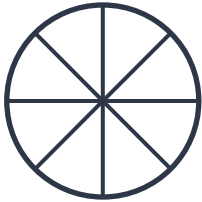
1. Shade three eighths.



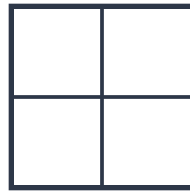
2. Shade $\frac{5}{6}$.



3. Shade $\frac{1}{8}$.



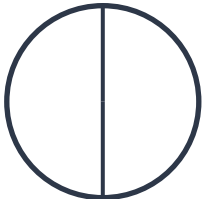
4. Shade three fourths.



5. Shade $\frac{2}{6}$.



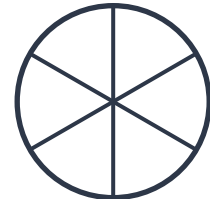
6. Shade one half.



7. Shade $\frac{2}{4}$.



8. Shade four sixths.

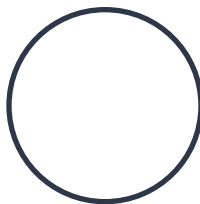


Draw lines to cut each shape into equal parts. Then shade.

9. Cut it into fourths.
Shade $\frac{3}{4}$.



10. Cut it into thirds.
Shade $\frac{1}{3}$.



11. Cut it into eighths.
Shade $\frac{5}{8}$.

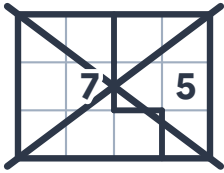


Understanding Fractions

Equal parts have the same area. They can look different.

Count the squares. Cross out each shape whose parts are not equal.

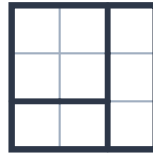
Example



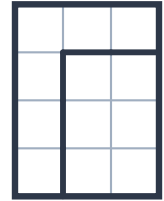
1.



2.



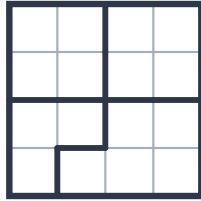
3.



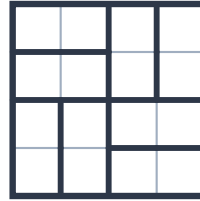
4.



5.



6.



7.



The parts are equal. Write the fraction for one part.

Example



Each part has

4

squares.

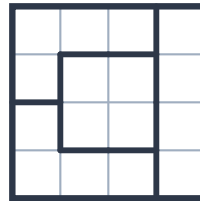
Each part is

1

of the whole.

3

8.



Each part has



squares.

Each part is



of the whole.



9.



Each part has



squares.

Each part is



of the whole.



10.



Each part has



squares.

Each part is



of the whole.



Understanding Fractions

A fraction can name part of a set, or a fair share.

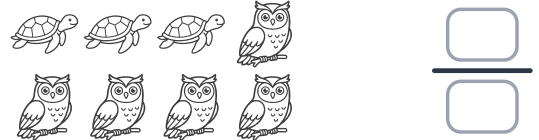
Write the fraction of the set.

Example

What fraction of the counters are shaded?



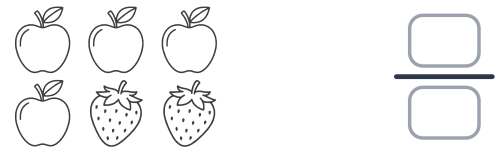
1. What fraction of the animals are turtles?



2. What fraction of the counters are not shaded?



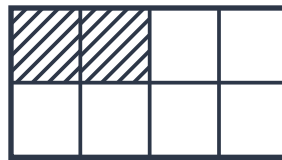
3. What fraction of the fruit are apples?



Share equally. Write the fraction each one gets.

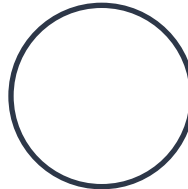
Example

4 friends share a pan of brownies cut into 8 equal pieces. What fraction of the pan does each friend get?



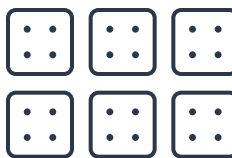
Each gets $\frac{2}{8}$ pieces of the pan.

4. 3 children share a pizza equally. Draw lines to cut it. What fraction of the pizza does each child get?



Each gets $\frac{\quad}{\quad}$ of the pizza.

5. 2 friends share 6 crackers equally. What fraction of the crackers does each friend get?



Each gets $\frac{\quad}{6}$ crackers.

Understanding Fractions

A fraction names equal parts of a whole.

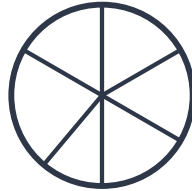
Are the parts equal? Circle equal or not equal.

Example



equal not equal

1.



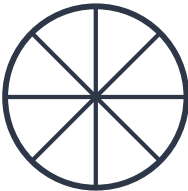
equal not equal

2.



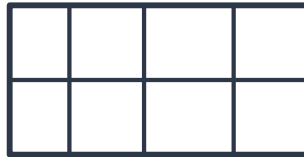
equal not equal

3.



equal not equal

4.



equal not equal

5.



equal not equal

How many equal parts? Write the fraction for one part.

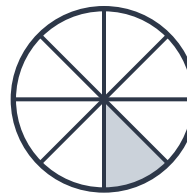
Example



4 equal parts

One part is $\frac{1}{4}$

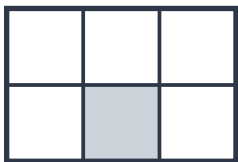
6.



8 equal parts

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

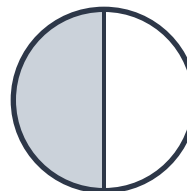
7.



6 equal parts

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

8.



2 equal parts

One part is $\frac{1}{2}$

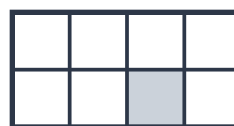
9.



3 equal parts

One part is $\frac{1}{3}$

10.



8 equal parts

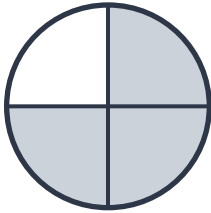
One part is $\frac{1}{8}$

Understanding Fractions

Write each fraction in numbers and in words.

Write the shaded fraction. Name its numerator and denominator.

Example



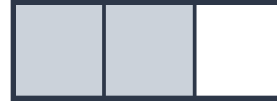
$$\frac{3}{4}$$

numerator 3

denominator 4

In words: three fourths

1.



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

numerator 2

denominator 3

In words: two thirds

2.



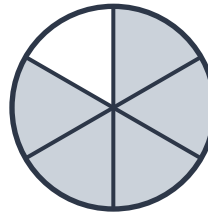
$$\frac{5}{8}$$

numerator 5

denominator 8

In words: five eighths

3.



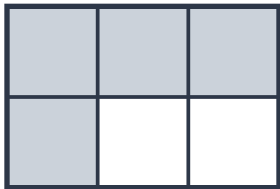
$$\frac{5}{6}$$

numerator 5

denominator 6

In words: five sixths

4.



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

numerator 4

denominator 6

In words: four sixths

5.



$$\frac{7}{8}$$

numerator 7

denominator 8

In words: seven eighths

Write each fraction in numbers.

6. one third

$$\frac{1}{3}$$

7. two sixths

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

8. three eighths

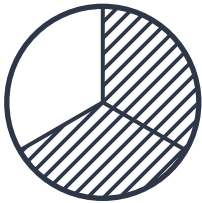
$$\frac{3}{8}$$

Understanding Fractions

Shade the parts to show each fraction.

Each shape is cut into equal parts. Shade the fraction.

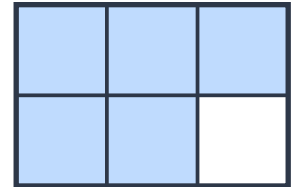
Example Shade $\frac{2}{3}$.



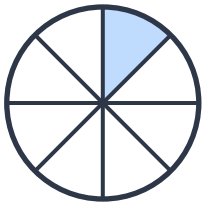
1. Shade three eighths.



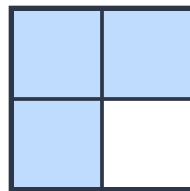
2. Shade $\frac{5}{6}$.



3. Shade $\frac{1}{8}$.



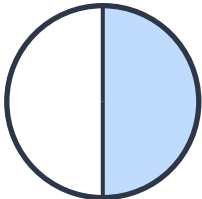
4. Shade three fourths.



5. Shade $\frac{2}{6}$.



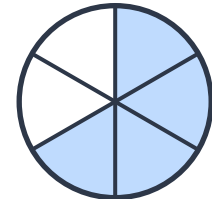
6. Shade one half.



7. Shade $\frac{2}{4}$.



8. Shade four sixths.

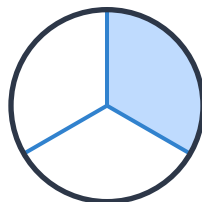


Draw lines to cut each shape into equal parts. Then shade.

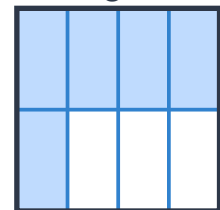
9. Cut it into fourths.
Shade $\frac{3}{4}$.



10. Cut it into thirds.
Shade $\frac{1}{3}$.



11. Cut it into eighths.
Shade $\frac{5}{8}$.



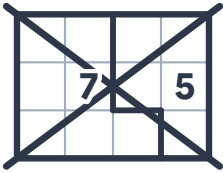
Other ways that make equal parts are right too.

Understanding Fractions

Equal parts have the same area. They can look different.

Count the squares. Cross out each shape whose parts are not equal.

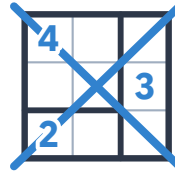
Example



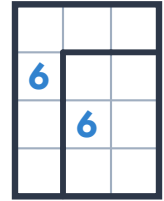
1.



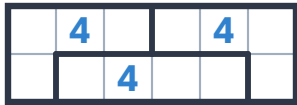
2.



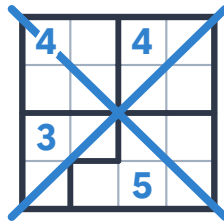
3.



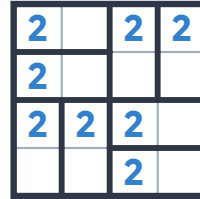
4.



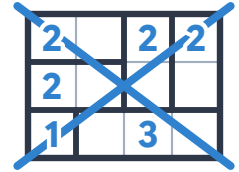
5.



6.



7.



The parts are equal. Write the fraction for one part.

Example



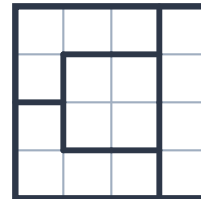
Each part has

4 squares.

Each part is

$\frac{1}{3}$ of the whole.

8.



Each part has

4 squares.

Each part is

$\frac{1}{4}$ of the whole.

9.



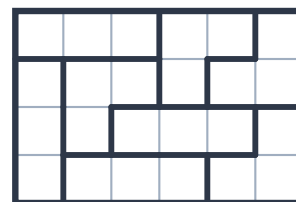
Each part has

3 squares.

Each part is

$\frac{1}{6}$ of the whole.

10.



Each part has

3 squares.

Each part is

$\frac{1}{8}$ of the whole.

Understanding Fractions

A fraction can name part of a set, or a fair share.

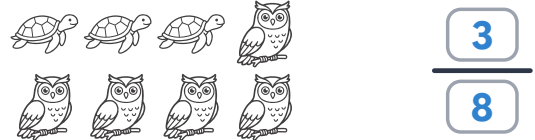
Write the fraction of the set.

Example

What fraction of the counters are shaded?



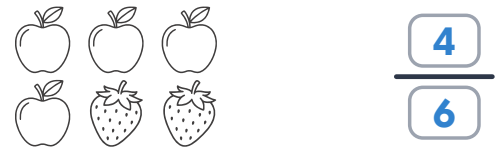
1. What fraction of the animals are turtles?



2. What fraction of the counters are not shaded?



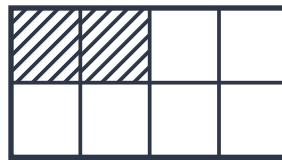
3. What fraction of the fruit are apples?



Share equally. Write the fraction each one gets.

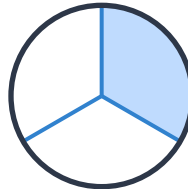
Example

4 friends share a pan of brownies cut into 8 equal pieces. What fraction of the pan does each friend get?



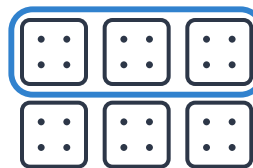
Each gets $\frac{2}{8}$ pieces of the pan.

4. 3 children share a pizza equally. Draw lines to cut it. What fraction of the pizza does each child get?



Each gets $\frac{1}{3}$ of the pizza.

5. 2 friends share 6 crackers equally. What fraction of the crackers does each friend get?



Each gets $\frac{3}{6}$ crackers.