



Fractions: Parts of a Whole

1

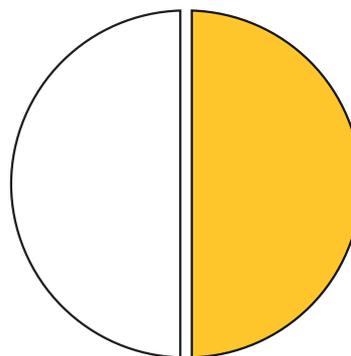
Shading Fractions

1

Circle A is divided into 2 equal parts.
1 part shaded.

Correct answer:

$$\frac{1}{2}$$



Circle A

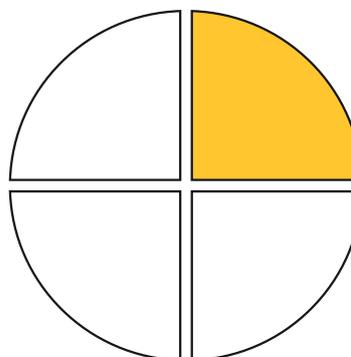
Explanation: One out of two equal parts is shaded, which is one-half.

2

Circle B is divided into 4 equal parts.
1 part shaded.

Correct answer:

$$\frac{1}{4}$$



Circle B

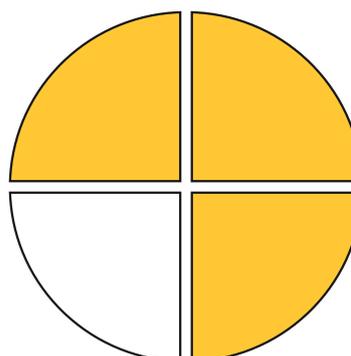
Explanation: One out of four equal parts is shaded, which is one-quarter.

3

Circle C is divided into 4 equal parts.
3 parts shaded.

Correct answer:

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



Circle C

Explanation: Three out of four equal parts are shaded, which is three-quarters.

2

Real-Life Fractions

1 Problem: Sandwich

A sandwich is cut into **4 equal pieces**.
Alex eats 3 pieces.

Correct answer:

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

Picture expectation:

- Sandwich divided into 4 equal parts
- 3 parts shaded

Explanation: Alex ate three out of four equal pieces.



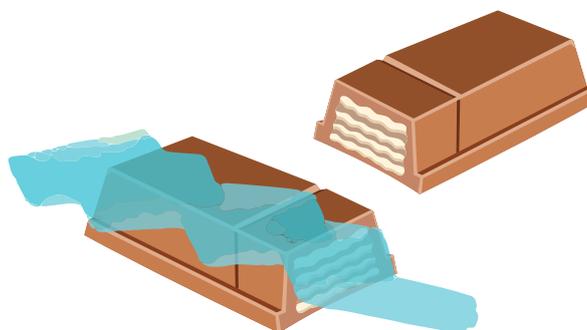
2 Problem: Chocolate Bar

A chocolate bar is cut into **2 equal parts**.
One part is eaten.

Correct answer:

$$\frac{1}{2}$$

Explanation: When one of two equal parts is eaten, that amount is one-half.

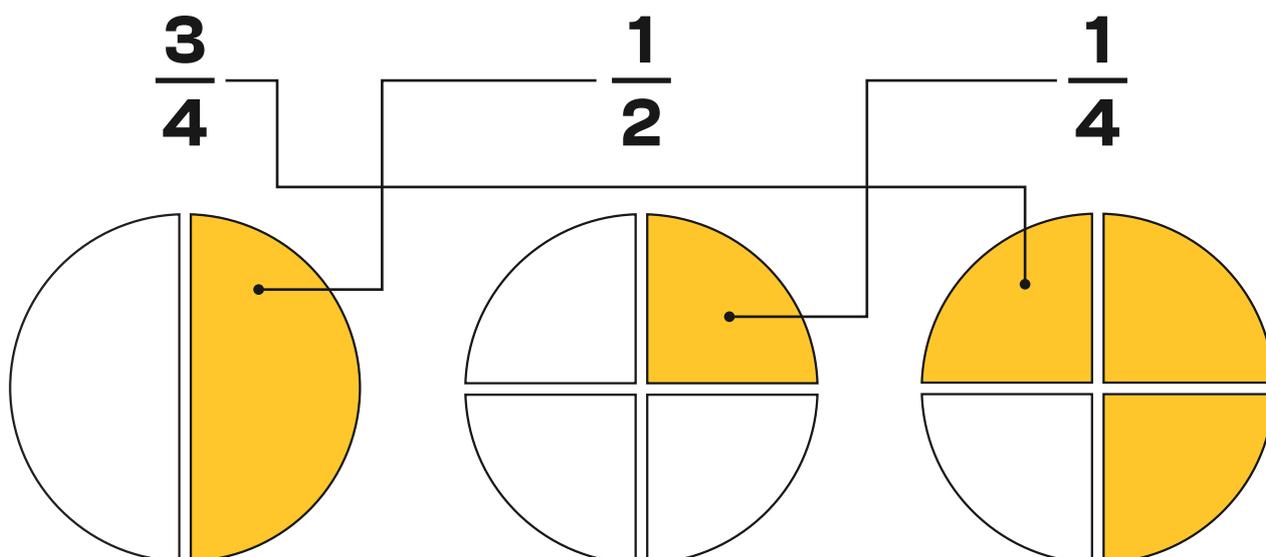


3

Match the Fraction

1

Draw a line to match:



Explanation: Each picture must show equal parts, with the correct number shaded.

2

What is a fraction?

Use words, a picture, or both.

Acceptable student responses include ideas such as:

- "A fraction is part of a whole."
- "A fraction shows how much of something you have."
- "A fraction tells how many equal parts are taken."