

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

Grade 1 Maths

Fractions

Fun • Visual • Hands-on • Confidence Building

What you'll practise

Equal parts • Halves • Quarters • Shading fractions • Fractions of groups • Real-life fractions

Name: _____

Date: _____

Teacher Answer Key included

Equal Parts

A fraction shows equal parts of a whole.

1. Look at each bar. Circle the bars divided into **equal parts**.

A		Equal / Not equal
B		Equal / Not equal
C		Equal / Not equal
D		Equal / Not equal

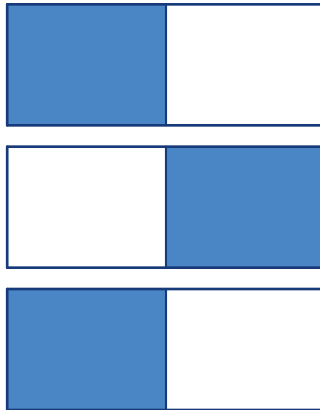
2. Complete the sentences.

a	When a whole is split into 2 equal parts, each part is called a _____.
b	When a whole is split into 4 equal parts, each part is called a _____.
c	The parts of a fraction must be _____ in size.

Halves

When a whole is divided into 2 equal parts, each part is one-half.

1. Shade **one-half** of each bar.



2. Write **1/2** under the pictures that show one-half.

A		Fraction: _____
B		Fraction: _____
C		Fraction: _____

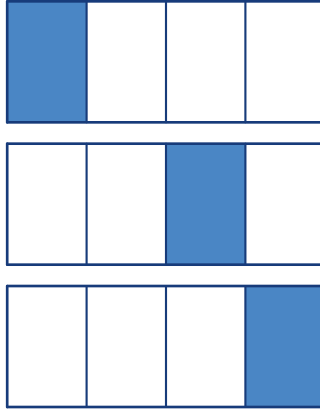
3. Half of 8 is _____.

Half of 10 is _____.

Quarters

When a whole is divided into 4 equal parts, each part is one-quarter.

1. Shade **one-quarter** of each bar.



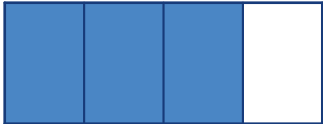
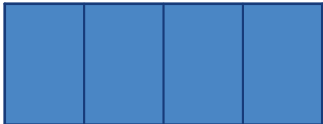
2. How many quarters make one whole? _____

3. Circle the bars where exactly one-quarter is shaded.

A		1/4 shaded
B		2/4 shaded
C		1/4 shaded

Name the Fraction

Count the equal parts and the shaded parts.

Picture	How many equal parts?	How many shaded?	Fraction shaded
	2	1	_____
	4	2	_____
	4	3	_____
	4	4	_____

Challenge: Draw a bar divided into 4 equal parts and shade 2 parts.

Fractions of a Group

A fraction can describe part of a group of objects.

1. Circle **one-half** of each group.

A	● ● ● ●	Circle 2
B	★ ★ ★ ★	Circle 2
C	■ ■ ■ ■ ■ ■	Circle 3

2. Find the fraction.

a	There are 4 apples. 2 are red. What fraction of the apples are red? _____
b	There are 8 stars. 4 are shaded. What fraction are shaded? _____
c	There are 6 counters. 3 are blue. What fraction are blue? _____

Compare Simple Fractions

Look at the shaded parts. Which fraction shows more?

A		or		Circle: $\frac{1}{2}$ or $\frac{1}{4}$
B		or		Circle: $\frac{2}{4}$ or $\frac{3}{4}$
C		or		Circle: $\frac{1}{2}$ or $\frac{1}{2}$

2. Write **more**, **less** or **equal**.

a	$\frac{1}{2}$ is _____ than $\frac{1}{4}$.
b	$\frac{3}{4}$ is _____ than $\frac{1}{4}$.
c	$\frac{1}{2}$ is _____ to $\frac{1}{2}$.

Fractions in Real Life

Fractions are all around us!

1. You cut a sandwich into 2 equal pieces and eat 1 piece. What fraction did you eat? _____
2. A pizza is cut into 4 equal slices. You eat 1 slice. What fraction did you eat? _____
3. A chocolate bar has 4 equal pieces. You eat 2 pieces. What fraction did you eat? _____
4. A cake is divided into 4 equal pieces. 3 pieces are left. What fraction is left? _____
5. Half of a basket of 10 apples is red. How many red apples are there? _____
6. Draw something from everyday life that can be divided into halves or quarters.

Fraction Detective

Use clues to solve each mystery.

1	I have 2 equal parts. One part is shaded. My fraction is _____.
2	I have 4 equal parts. Two parts are shaded. My fraction is _____.
3	I have 4 equal parts. All four parts are shaded. My fraction is _____.
4	I am one-half of 12. What number am I? _____
5	I am one-quarter of 8. What number am I? _____

■ **Think carefully:** Is $\frac{2}{4}$ the same amount as $\frac{1}{2}$? Yes / No

Explain or draw: _____

Super Fractions Challenge

Show what you know!

1	Draw a bar divided into 2 equal parts and shade $\frac{1}{2}$.
2	Draw a bar divided into 4 equal parts and shade $\frac{3}{4}$.
3	Which is greater: $\frac{1}{2}$ or $\frac{1}{4}$? _____
4	There are 8 balloons. Half are yellow. How many yellow balloons? _____
5	There are 12 sweets. One-quarter are strawberry flavour. How many are strawberry? _____
6	A whole is divided into 4 equal parts. 3 parts are shaded. Write the fraction: _____
7	Can you name two fractions that show the same amount? _____ and _____

■ Confidence Check

I can identify halves.	☐ Yes ☐ Almost ☐ I need more practice
I can identify quarters.	☐ Yes ☐ Almost ☐ I need more practice
I can find simple fractions of groups.	☐ Yes ☐ Almost ☐ I need more practice

Teacher Answer Key

Answers for Pages 2–10.

Page 2 – Equal Parts

1: A, B and C are equal; D is not equal. 2: a) half b) quarter c) equal.

Page 3 – Halves

1: Each bar should have exactly 1 of 2 parts shaded. 2: $A = \frac{1}{2}$, $B = \frac{2}{4}$, $C = \frac{1}{2}$. 3: 4 and 5.

Page 4 – Quarters

1: Each bar should have exactly 1 of 4 parts shaded. 2: 4 quarters. 3: A and C.

Page 5 – Name the Fraction

Fractions shaded: $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$, $\frac{4}{4}$. Challenge drawing will vary.

Page 6 – Fractions of a Group

1: A circle 2, B circle 2, C circle 3. 2: a) $\frac{2}{4}$ b) $\frac{4}{8}$ c) $\frac{3}{6}$.

Page 7 – Compare Simple Fractions

A: $\frac{1}{2}$ is more than $\frac{1}{4}$. B: $\frac{3}{4}$ is more than $\frac{2}{4}$. C: equal. 2: a) more b) more c) equal.

Page 8 – Real Life

1) $\frac{1}{2}$ 2) $\frac{1}{4}$ 3) $\frac{2}{4}$ 4) $\frac{3}{4}$ 5) 5. Drawing will vary.

Page 9 – Fraction Detective

1) $\frac{1}{2}$ 2) $\frac{2}{4}$ 3) $\frac{4}{4}$ 4) 6 5) 2. $\frac{2}{4}$ and $\frac{1}{2}$ show the same amount: Yes.

Page 10 – Super Challenge

1–2: drawings should match. 3) $\frac{1}{2}$ 4) 4 5) 3 6) $\frac{3}{4}$ 7) possible: $\frac{1}{2}$ and $\frac{2}{4}$.