Name _____

# Model Tenths and Hundredths

**Essential Question** How can you model and write fractions in tenths and hundredths?

## 🔓 UNLOCK the Problem

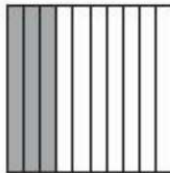You can use models to represent fractions in tenths and hundredths.

- What do you need to find to write the fraction?

_____

## 🔑 Example

### A

**STEP 1**

This model has 10 equal parts. Each part is one **tenth**. Shade three parts out of ten equal parts.
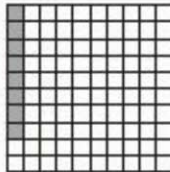
**STEP 2**

Write the fraction.
**Think:** Three tenths are shaded.

_____

### B

**STEP 1**

This model has 100 equal parts. Each part is one **hundredth**. Shade eight of one hundred equal parts.
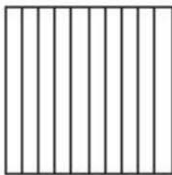
**STEP 2**

Write the fraction.
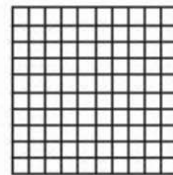**Think:** Eight hundredths are shaded.

_____

## Try This!

Shade the model to show nine of the ten equal parts.

Read: _____

Write: _____

Shade the model to show sixty-five of the hundred equal parts.

**Math Talk** Which number in a fraction represents the number of parts being counted, and which represents the number of equal parts in the whole?
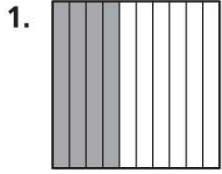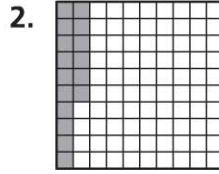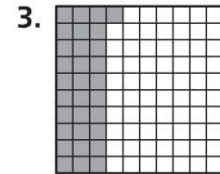
Read: _____

Write: _____

## Share and Show MATH BOARD

Write the fraction that names the shaded part.

**1.**

Think: How many equal parts are shaded?
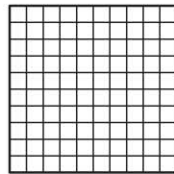
_____

**2.**

_____

**3.**

_____

Shade to model the fraction. Then write the fraction in numbers.
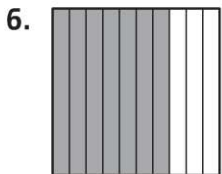
**4.** three tenths

_____
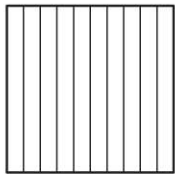
**5.** twenty-three hundredths

_____

## On Your Own

Write the fraction that names the shaded part.

**6.**

_____

**7.**

_____

**8.**

_____

**9.**

_____

## Problem Solving REAL WORLD
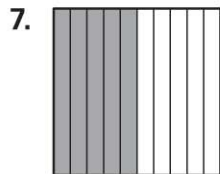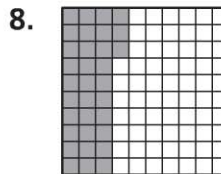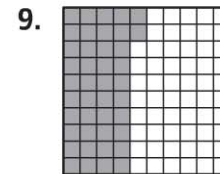
**10.** Each player shot a basketball 10 times. Eric made 4 baskets. Write a fraction to represent the part of Eric's shots that were baskets.

_____

**11.** Nina asked 100 students if they have a pet. Of the students, $\frac{19}{100}$ have a cat. How many students have a cat?

_____