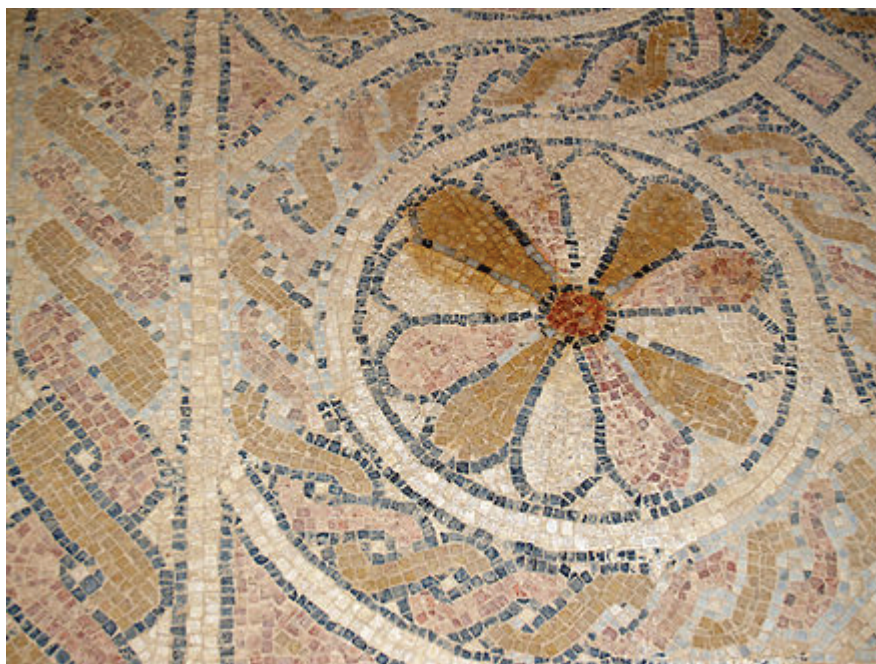


# Lesson 1: What is One Thousandth?

- Let's make sense of thousandths.

## Warm-up: Estimation Exploration: One Tiny Piece

What fraction of the whole picture is a single square tile?



Record an estimate that is:

too low	about right	too high

## 1.1: What Do You Know About Thousandths?

1. What do you know about 1 tenth?

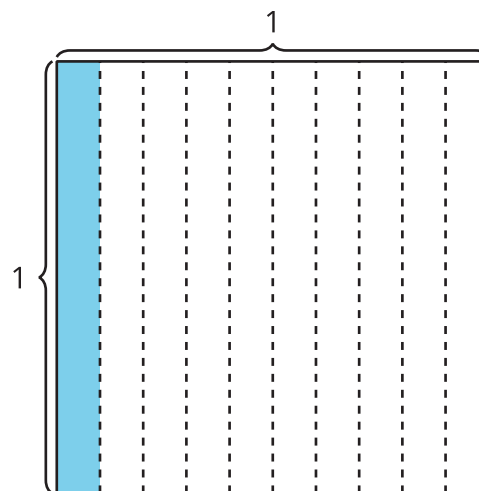
2. What do you know about 1 hundredth?

3. What do you know about 1 thousandth?

## 1.2: Represent Numbers on a Hundredths Grid

1. The grid represents 1. What does the shaded region represent?

Be prepared to explain your reasoning.



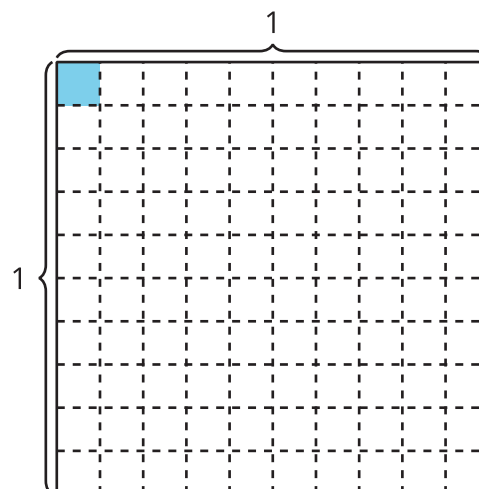

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2. The grid represents 1. What does the shaded region represent?

Be prepared to explain your reasoning.



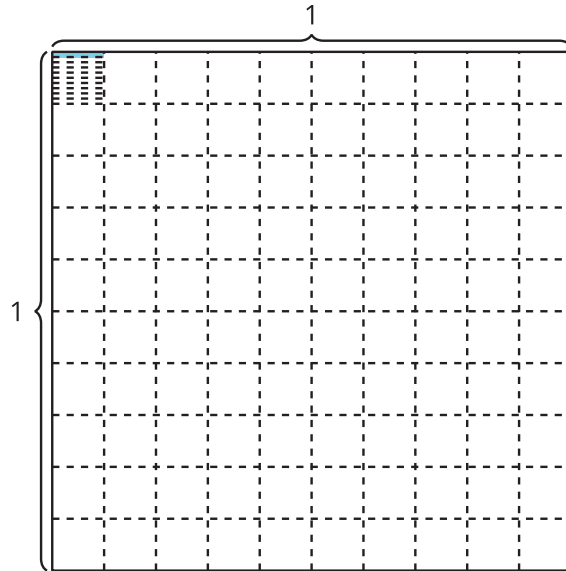

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3. How many of the small rectangular pieces (one of them is shaded) are there in the unit square?

Explain or show your thinking.




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4.

Fraction	Decimal
$\frac{1}{10}$	0.1
$\frac{1}{100}$	0.01
$\frac{1}{1,000}$	?

How do you think we write the number one thousandth as a decimal? Explain your reasoning.

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