

LO: tenths and hundredths

Over the next few weeks, we're going to be learning about decimals.


Today, we're introducing **tenths** and **hundredths** as fractions.

A fraction is part of a whole.

denominator
the total number of parts
the item is split into

$\frac{1}{4}$

numerator
the number of parts we have



Hundredths

A fraction is part of a whole.

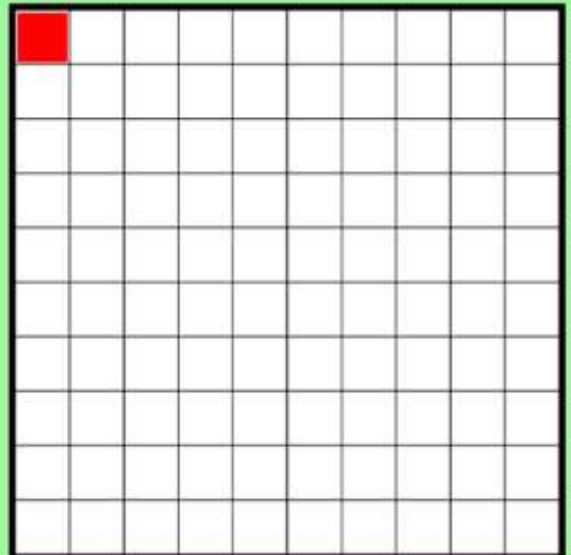
Each square is 1 out of 100 equal squares.

Each square represents $\frac{1}{100}$.

denominator
the total number
of parts the item
is split into

$\frac{1}{100}$

numerator
the number of
parts we have



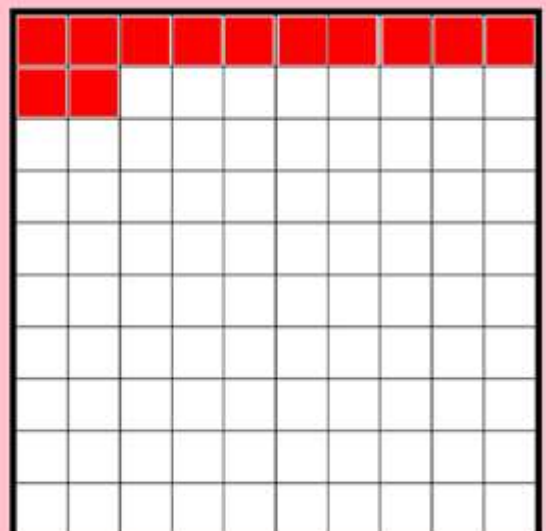
Hundredths

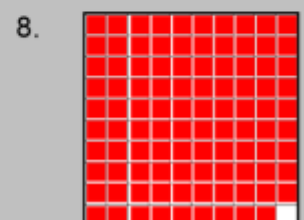
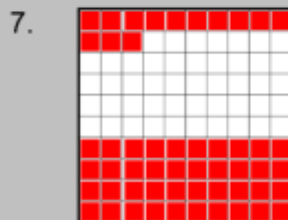
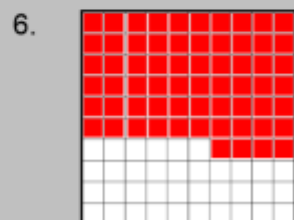
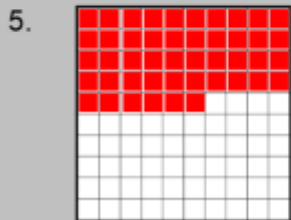
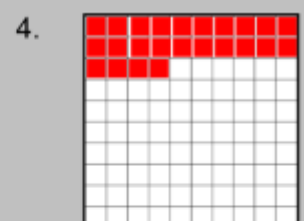
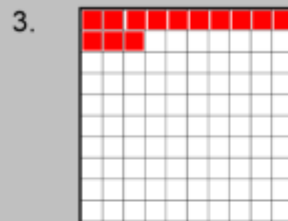
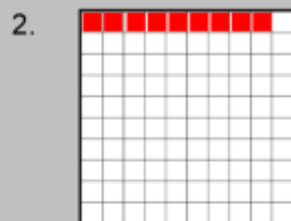
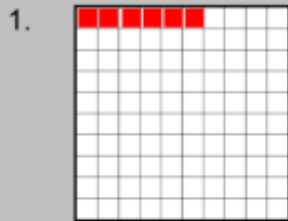
What fraction of the whole is shaded?

denominator
the total number
of parts the item
is split into

$\frac{12}{100}$

numerator
the number of
parts we have





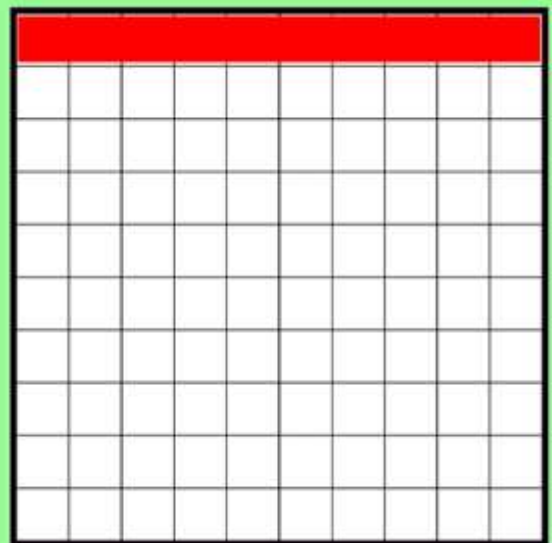
Tenths

A fraction is part of a whole.

Each row is 1 out of 10 equal rows

Each row represents $\frac{1}{10}$.

$$\frac{1}{10}$$
 ← numerator
 the number of parts we have
 → denominator
 the total number of parts the item is split into



Tenths

What fraction of the shape is shaded?

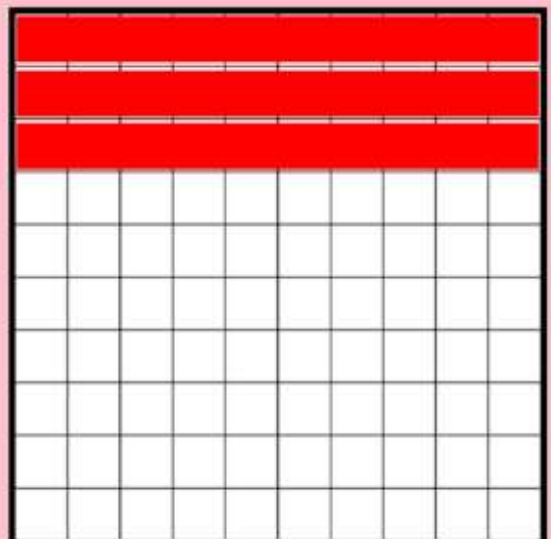
$$\frac{3}{10}$$

Hundredths

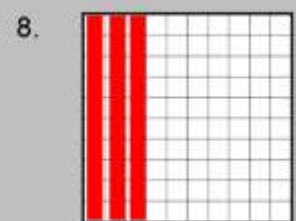
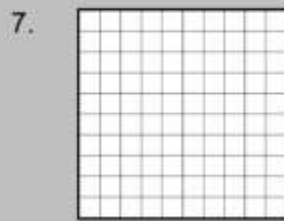
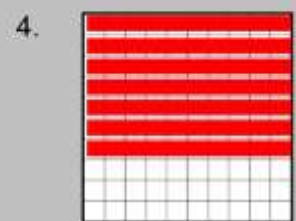
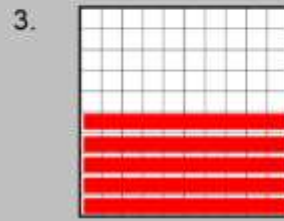
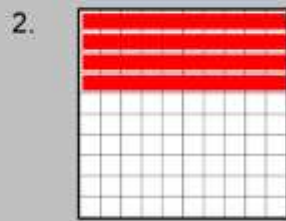
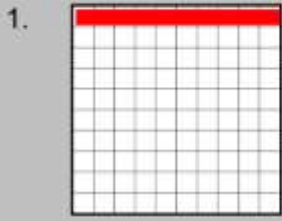
What fraction of the shape is shaded?

$$\frac{30}{100}$$

$$\frac{3}{10} = \frac{30}{100}$$



What fraction of the whole is shaded? Give your answer in **tenths** and in **hundredths**.



Complete the table:

Shaded	Tenths	Hundredths
20 squares	$\frac{2}{10}$	$\frac{20}{100}$
4 columns		
3 rows		
	$\frac{7}{10}$	

Who is correct?

5 hundredths is equivalent to 50 tenths.



50 hundredths is equivalent to 5 tenths.

Amir

Explain why.