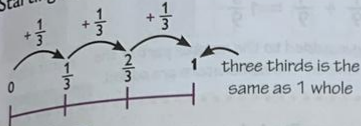


# Counting in Fractions

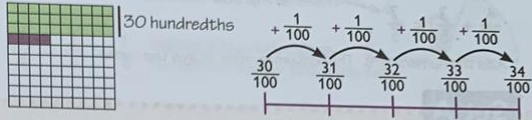
You'll count in hundredths quite a bit in Year 4, as well as other simple fractions. Hundredths come from dividing a shape into one hundred equal parts or dividing a shape with ten equal parts (tenths) by ten again.

## Examples

Starting at 0, count forward 3 steps of  $\frac{1}{3}$ .



Shade four hundredths more on the grid below. What fraction is now shaded?



## Set A

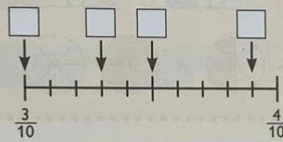
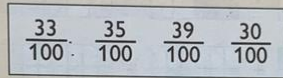
Write as a fraction:

- seventeen hundredths
- forty-one hundredths

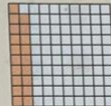
Starting at 0, count forward:

- 3 steps of  $\frac{1}{6}$
- 6 steps of  $\frac{1}{10}$
- 7 steps of  $\frac{1}{12}$

- Label a copy of the number line below using the fractions in the box:



This shape is divided into 100 equal parts. One more hundredth is shaded in.



Copy and complete the statements below:

- " hundredths of the shape is now shaded."
- " tenths of the shape is now shaded."

## Set B

Starting at  $\frac{43}{100}$ , count:

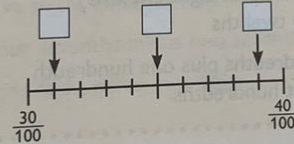
- forward 3 hundredths
- back 4 hundredths

Starting at 1, count back:

- 1 step of  $\frac{1}{4}$
- 3 steps of  $\frac{1}{5}$
- 8 steps of  $\frac{1}{9}$

Starting at  $\frac{19}{100}$ , count back:

- 8 hundredths
- 12 hundredths
- Identify the fractions on the number line below:



This shape is divided into 100 equal parts.



- What fraction of the shape is shaded?

How many more squares would you need to shade so that:

- $\frac{33}{100}$  of the shape is shaded?
- $\frac{41}{100}$  of the shape is shaded?

## Set C

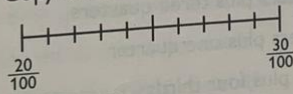
Starting at  $\frac{79}{100}$ , count:

- back 12 hundredths
- forward 11 hundredths, then back 7 hundredths

Starting at 1, count back:

- 6 steps of one tenth
- 5 steps of one seventh
- 9 steps of one twelfth

Copy the number line below.



Draw an arrow pointing to:

- twenty-two hundredths
- twenty-seven hundredths
- twenty-nine hundredths
- two tenths

How many steps of one hundredth:

- are between  $\frac{1}{100}$  and  $\frac{16}{100}$ ?
- are between  $\frac{78}{100}$  and  $\frac{103}{100}$ ?

A circle is divided into 100 equal parts and eleven parts are shaded.

- What fraction is shaded after another twelve parts are shaded?

