

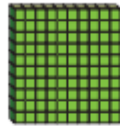
Hundredths answers

Hundredths

1



I'm going to use this piece to represent 1



What is the value of each of these pieces?
Give your answer as a fraction.

a)



$$\frac{1}{10}$$

b)



$$\frac{1}{100}$$

2

Write $<$, $>$ or $=$ to compare the fractions.

a) $\frac{1}{10} > \frac{9}{100}$



c) $\frac{1}{10} < \frac{20}{100}$



b) $\frac{1}{10} < \frac{12}{100}$



d) $\frac{2}{10} = \frac{20}{100}$



3



Eva

You can only partition 25 hundredths into 2 tenths and 5 hundredths.



Jack

I can partition it another way.

Who do you agree with? Jack

Explain why.

e.g. 25 hundredths = 1 tenth + 15 hundredths

Compare answers with a partner.

4

Fill in the missing numerators to make the statements correct.

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

d) $\frac{20}{100} = \frac{2}{10}$

b) $\frac{7}{10} = \frac{70}{100}$

e) $\frac{27}{100} = \frac{2}{10} + \frac{7}{100}$

$\frac{20}{100} + \frac{7}{100}$

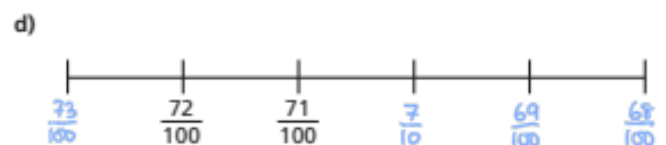
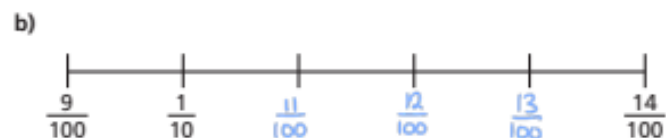
c) $\frac{80}{100} = \frac{8}{10}$

f) $\frac{67}{100} = \frac{6}{10} + \frac{7}{100}$

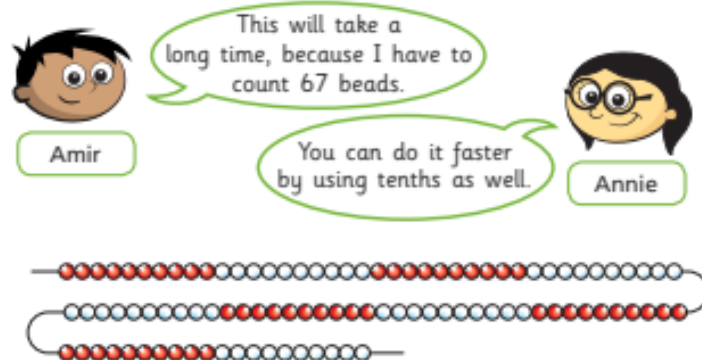
$\frac{60}{100} + \frac{7}{100}$

Hundredths answers

- 5 Complete the number lines using fractions.



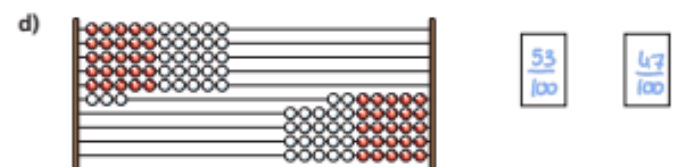
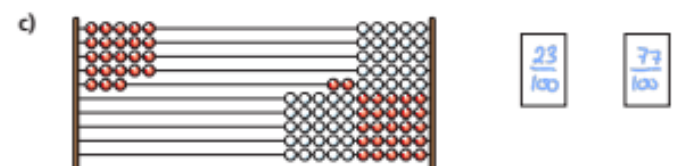
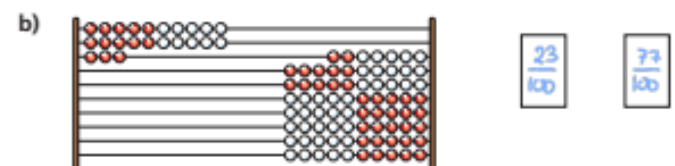
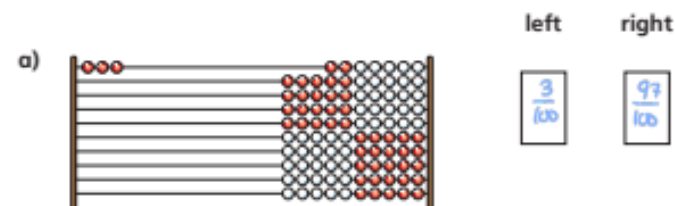
- 6 Amir is counting 67 hundredths on a bead string.



- 7 These are Rekenreks made from 100 beads.

Each Rekenrek represents one whole.

Write the fraction represented on the left and on the right.



Hundredths answers

Hundredths as decimals



1 Complete the table.

Hundred square	Words	Fraction	Decimal
	thirty-six hundredths	$\frac{36}{100}$	0.36
	eighty-two hundredths	$\frac{82}{100}$	0.82
	twenty-seven hundredths	$\frac{27}{100}$	0.27
	twelve hundredths	$\frac{12}{100}$	0.12
	seven tenths	$\frac{7}{10}$	0.7
	three tenths	$\frac{3}{10}$	0.3



2 Draw decimal place value counters to represent the numbers.

a) 0.03



c) 0.63



b) 0.6



d) 0.36



3 The counters represent tenths and hundredths.

a) Match the decimals to the groups of counters.



b) Write each decimal as a fraction.

$$0.04 = \frac{4}{100}$$

$$0.4 = \frac{4}{10}$$

$$0.14 = \frac{14}{100}$$

$$0.41 = \frac{41}{100}$$

Hundredths answers

4

3 hundreds is
the same as $\frac{3}{100}$



Is Rosie correct? No

Explain your answer.

3 hundreds = 300 3 hundredths = $\frac{3}{100}$

5

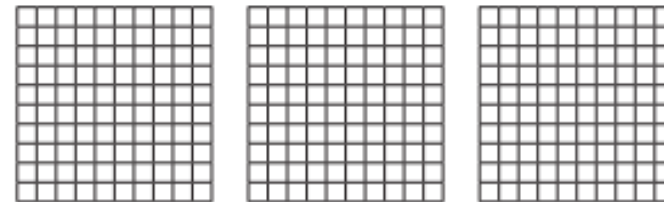
Match the decimals to the descriptions.

Some of the numbers can be described in two ways.

1.3	one tenth and three hundredths
	thirty hundredths
0.03	one and three tenths
	thirteen tenths
0.3	thirteen hundredths
	three tenths
0.13	three hundredths

6

Shade the hundred squares to represent 12 hundredths in three different ways. *Various answers*



Compare answers with a partner.

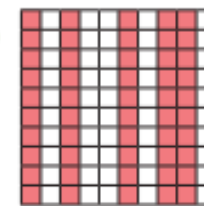
What is the same? What is different?

7

0.6 of the
hundred square
is shaded.



Dora



6 tenths of the
hundred square
is shaded.



Ron

0.60 of the
hundred square
is shaded.



Whitney

60 hundredths
of the hundred square
is shaded.



Jack

Who do you agree with? None

Explain why.