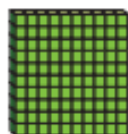


# Hundredths

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)



b)



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? \_\_\_\_\_

Explain why.

---



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4

Fill in the missing numerators to make the statements correct.

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

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

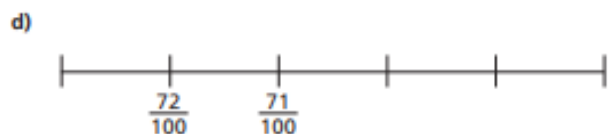
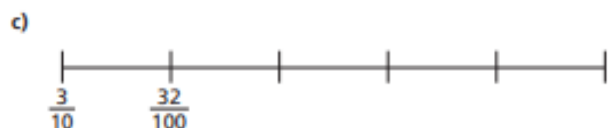
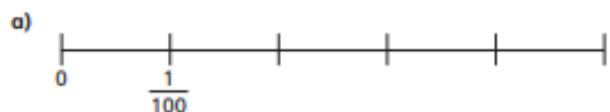
b)  $\frac{7}{10} = \frac{\square}{100}$

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

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

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

5 Complete the number lines using fractions.



6 Amir is counting 67 hundredths on a bead string.



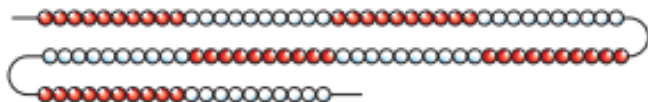
Amir

This will take a long time, because I have to count 67 beads.



Annie

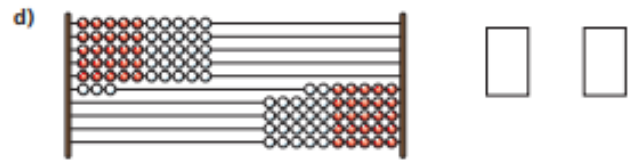
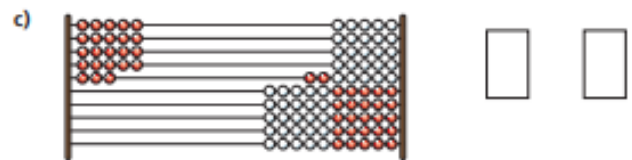
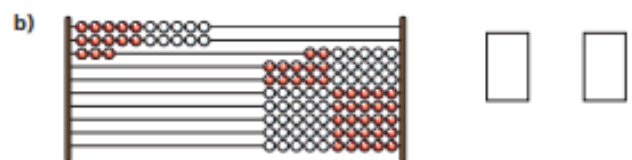
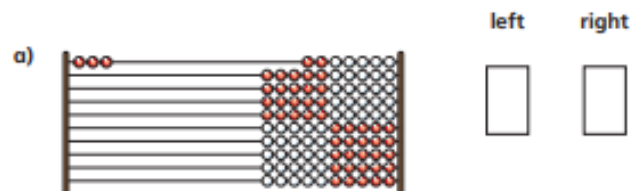
You can do it faster by using tenths as well.



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 as decimals

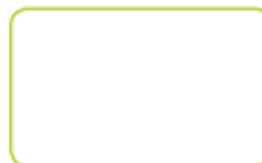
1 Complete the table.

Hundred square	Words	Fraction	Decimal
	thirty-six hundredths		
		$\frac{82}{100}$	
			0.27
	seven tenths		
			0.3



2 Draw decimal place value counters to represent the numbers.

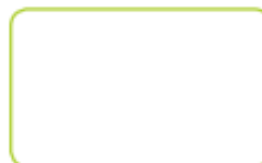
a) 0.03



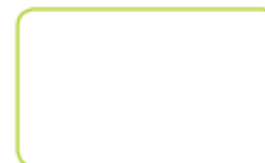
c) 0.63



b) 0.6



d) 0.36



3 The counters represent tenths and hundredths.

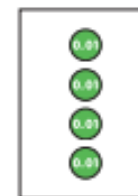
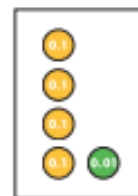
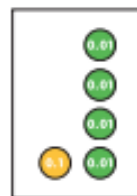
a) Match the decimals to the groups of counters.

0.04

0.4

0.14

0.41



b) Write each decimal as a fraction.

$0.04 = \square$

$0.4 = \square$

$0.14 = \square$

$0.41 = \square$



4

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



Is Rosie correct? \_\_\_\_\_

Explain your answer.

---



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5

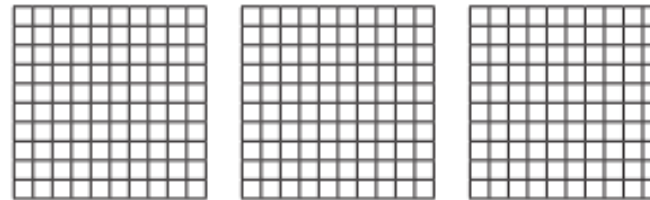
Match the decimals to the descriptions.

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.



Compare answers with a partner.

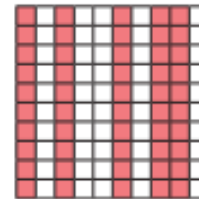
What is the same? What is different?

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? \_\_\_\_\_

Explain why.