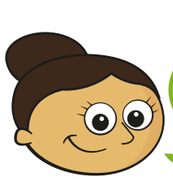
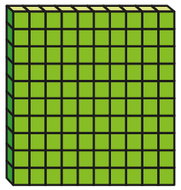
Hundredths

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)

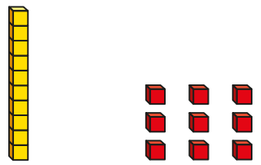
$\frac{1}{10}$

b)

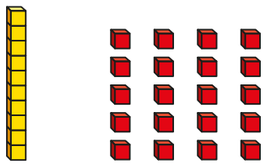
$\frac{1}{100}$

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

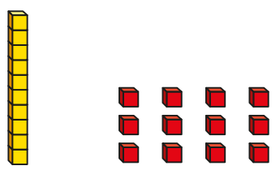
a) $\frac{1}{10} > \frac{9}{100}$



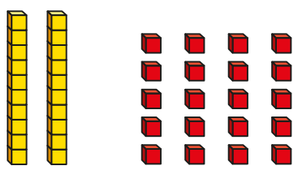
c) $\frac{1}{10} < \frac{20}{100}$



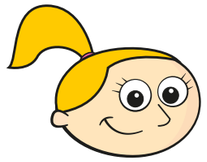
b) $\frac{1}{10} < \frac{12}{100}$



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



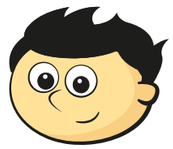
3



Eva

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

I can partition it another way.



Jack

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

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

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

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

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

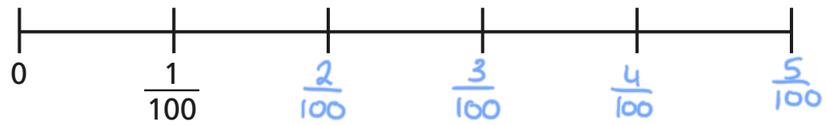
$\frac{20}{100} + \frac{7}{100}$

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

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

5 Complete the number lines using fractions.

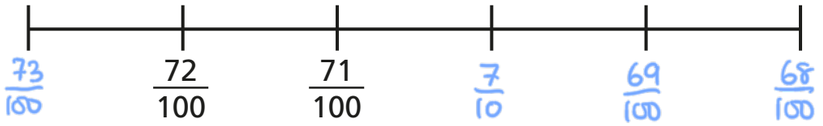
a)



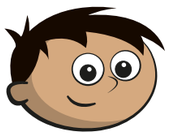
b)

c)

d)



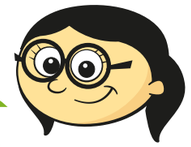
6 Amir is counting 67 hundredths on a bead string.



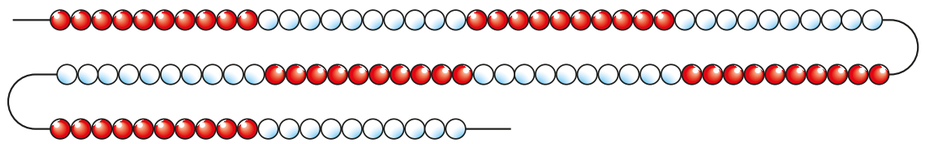
Amir

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

You can do it faster by using tenths as well.



Annie



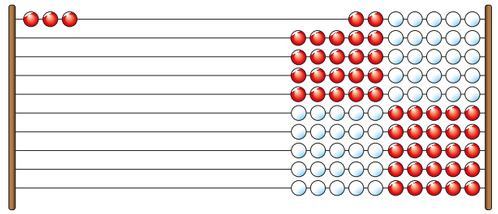
Explain to a partner how to use Annie's method.

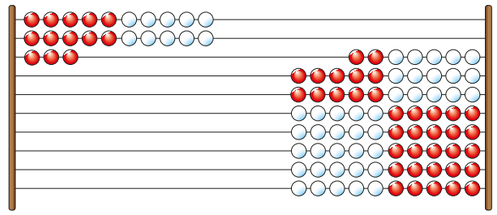
7 These are Rekenreks made from 100 beads.

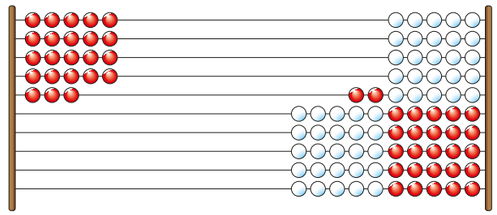
Each Rekenrek represents one whole.

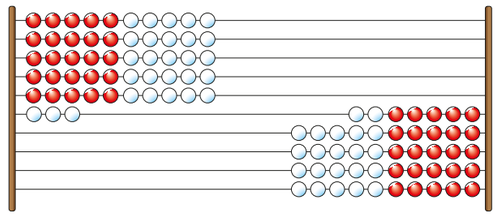
Write the fraction represented on the left and on the right.

	left	right
a)	3/100	97/100
b)	23/100	77/100
c)	23/100	77/100
d)	53/100	47/100









Did you use the same method as your partner?