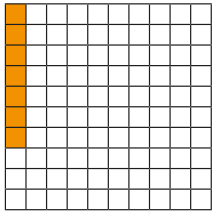
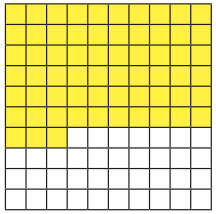
Hundredths as fractions

1 What fraction of each hundred square is shaded?

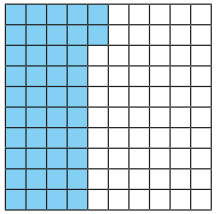
a)



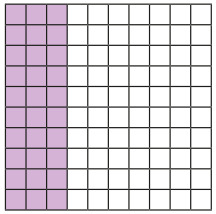
c)



b)



d)



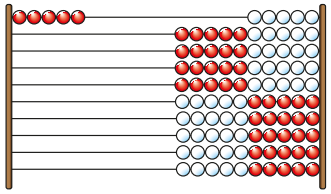
Write your answer to part d) another way.

2 These Rekenreks are made from 100 beads.

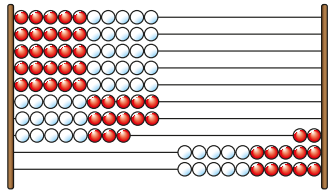
Each Rekenrek represents 1 whole.

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

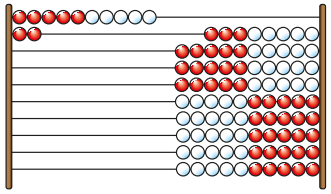
a)



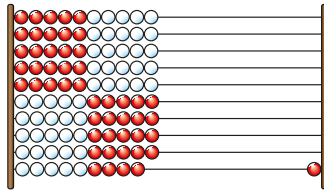
c)



b)

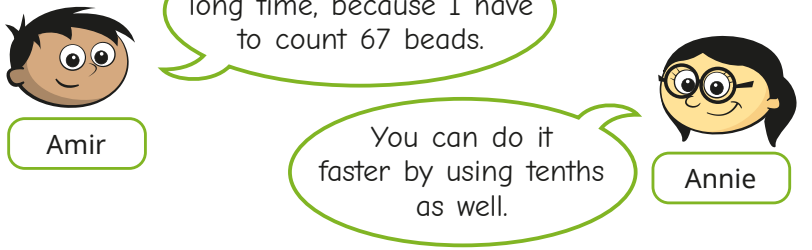


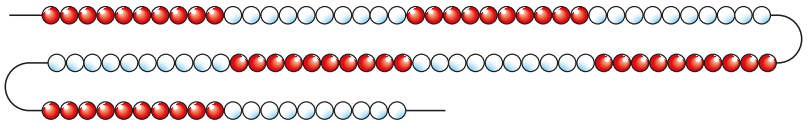
d)



Did you use the same method as your partner?

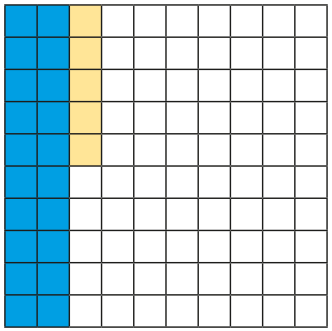
3 Amir is counting 67 hundredths on a bead string.





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

4 Eva and Jack are partitioning 25 hundredths.



Eva

$$\frac{25}{100} = \frac{20}{100} + \frac{5}{100}$$

Jack

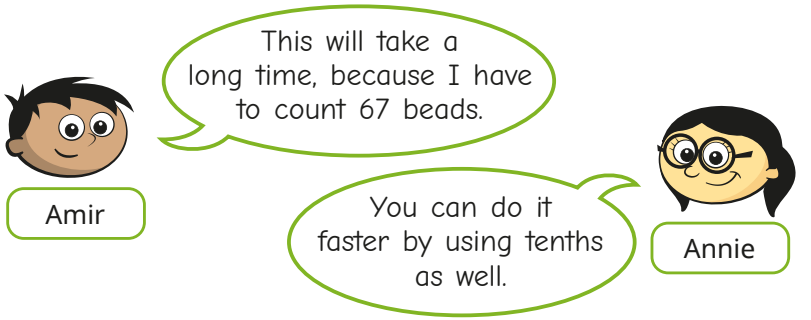
$$\frac{25}{100} = \frac{2}{10} + \frac{5}{100}$$

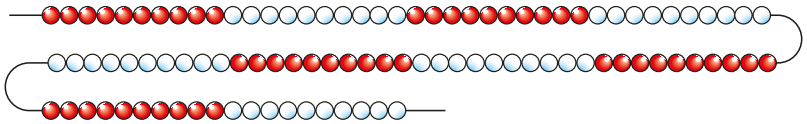
Who do you agree with?

Talk about it with a partner.

Hundredths as fractions

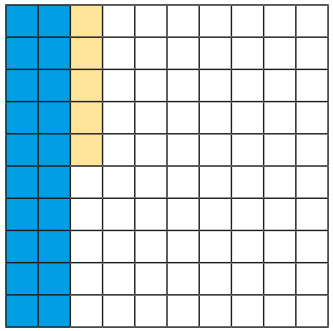
3 Amir is counting 67 hundredths on a bead string.





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

4 Eva and Jack are partitioning 25 hundredths.



Eva

$$\frac{25}{100} = \frac{20}{100} + \frac{5}{100}$$

Jack

$$\frac{25}{100} = \frac{2}{10} + \frac{5}{100}$$

Who do you agree with?

Talk about it with a partner.

5 Fill in the missing numerators to make the statements correct.

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

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

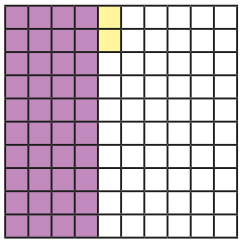
c) $\frac{80}{100} = \frac{\square}{10}$

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

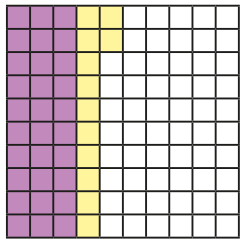
e) $\frac{27}{100} = \frac{\square}{10} + \frac{\square}{100}$

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

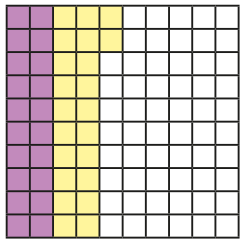
6 Sam has partitioned $\frac{42}{100}$ in three different ways.



$\frac{4}{10} + \frac{2}{100}$



$\frac{3}{10} + \frac{12}{100}$



$\frac{2}{10} + \frac{22}{100}$

Shade hundred squares to partition $\frac{71}{100}$ in three different ways.

Compare answers with a partner.