

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



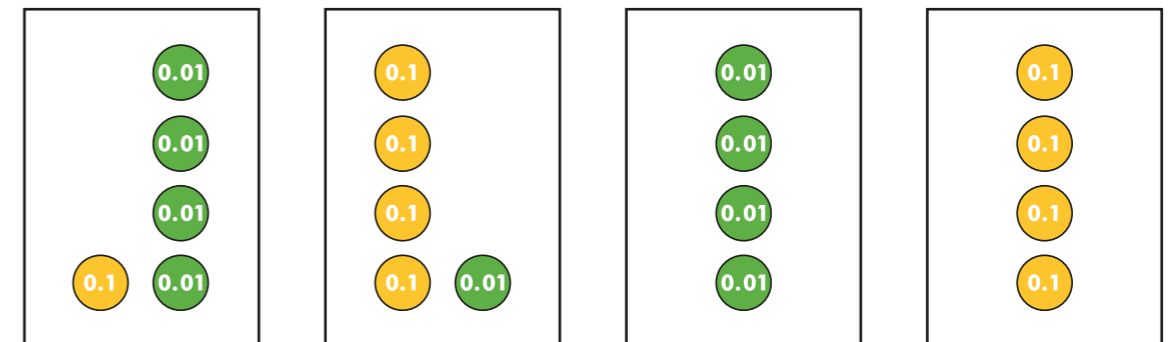
d) 0.36



3 The counters represent tenths and hundredths.

a) Match the decimals to the groups of counters.

0.04 0.4 0.14 0.41

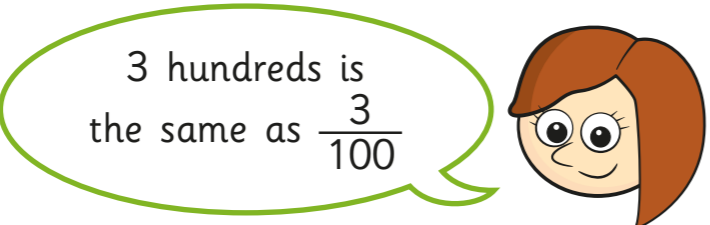


b) Write each decimal as a fraction.

0.04 = 0.4 = 0.14 = 0.41 =



4



Is Rosie correct? _____

Explain your answer.

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

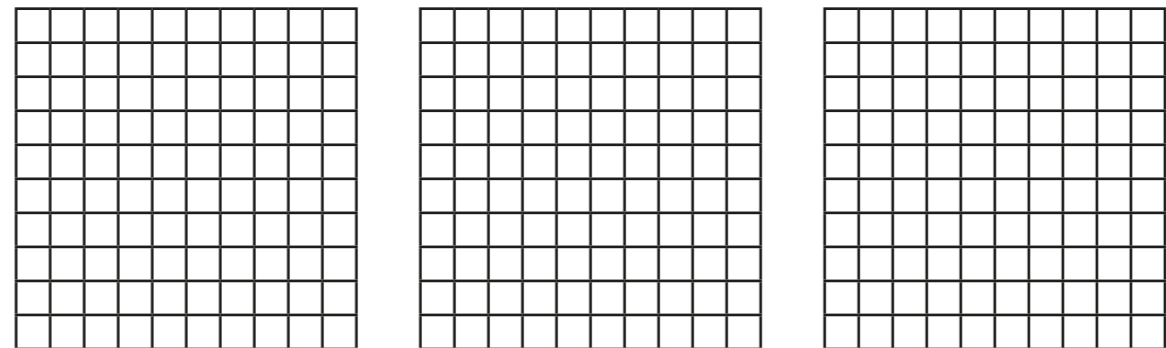
three tenths

0.13

three hundredths

6

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

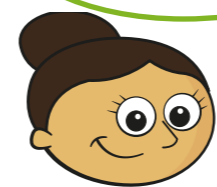


Compare answers with a partner.

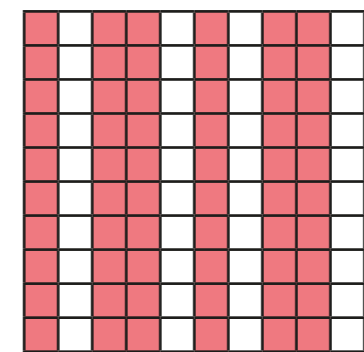
What is the same? What is different?

7

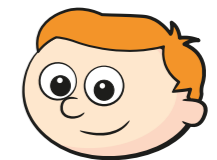
0.6 of the hundred square is shaded.



Dora

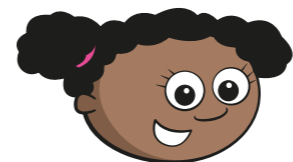


6 tenths of the hundred square is shaded.



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.

