White Rose Maths

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   **b)** 0.6   **c)** 0.63   **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.

4

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

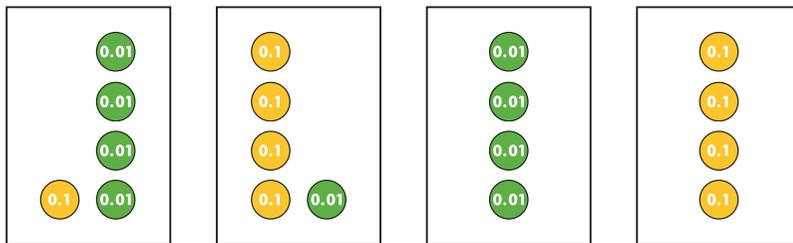Is Rosie correct?

Explain your answer.

2 Draw decimal place value counters to represent the numbers.

a) 0.03   b) 0.6   c) 0.63   d) 0.36
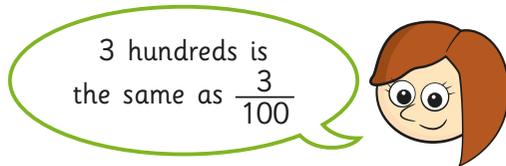
3 The counters represent tenths and hundredths.

a) Match the decimals to the groups of counters.

| 0.04 | 0.4 | 0.14 | 0.41 |

b) Write each decimal as a fraction.

4

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

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 hundred squares to represent 12 hundredths in three different ways.

Compare answers with a partner. What is the same? What is different?

7

Dora: 0.6 of the hundred square is shaded.

Ron: 6 tenths of the hundred square is shaded.

Whitney: 0.60 of the hundred square is shaded.

Jack: 60 hundredths of the hundred square is shaded.

Who do you agree with? Explain why.