Hundredths as decimals

1 Complete the table.

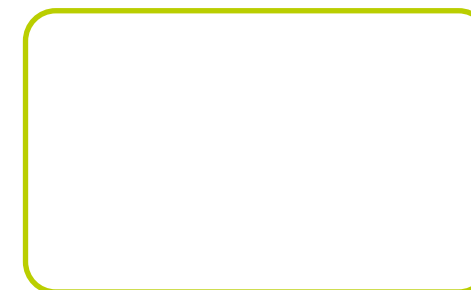| Hundred square	Words	Fraction	Decimal
	thirty-six hundredths		
		$\frac{82}{100}$	
			0.27
	seven tenths		
			0.3

2 Draw decimal place value counters to represent the numbers.
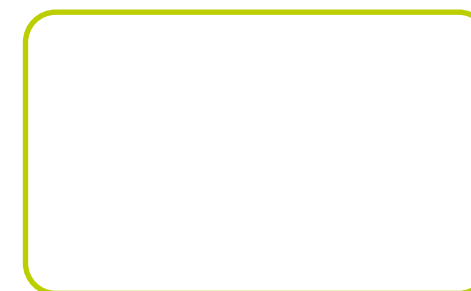
a) 0.03
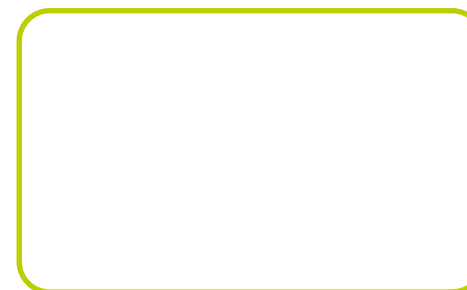
c) 0.63

b) 0.6
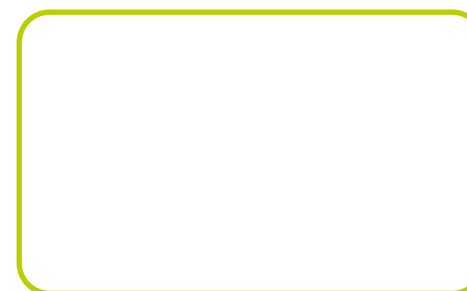
d) 0.36

3 The counters represent tenths and hundredths.
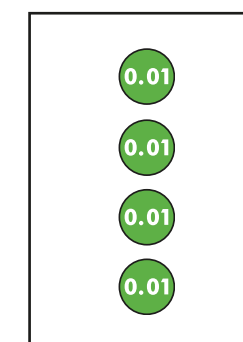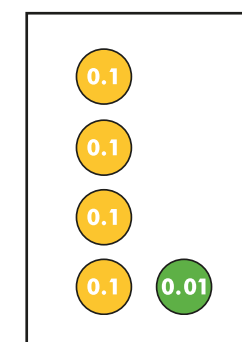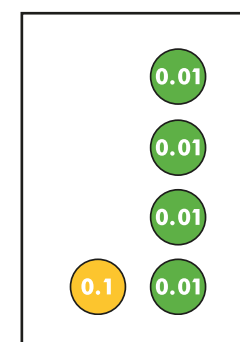
a) Match the decimals to the groups of counters.

| 0.04 | 0.4 | 0.14 | 0.41 |

b) Write each decimal as a fraction.
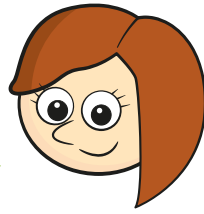
0.04 = ☐ 0.4 = ☐ 0.14 = ☐ 0.41 = ☐

4

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.

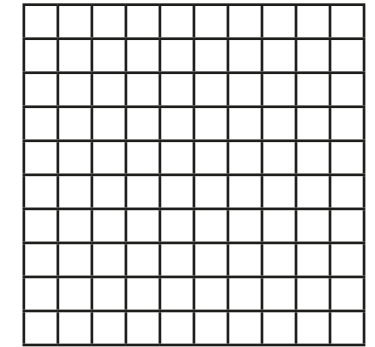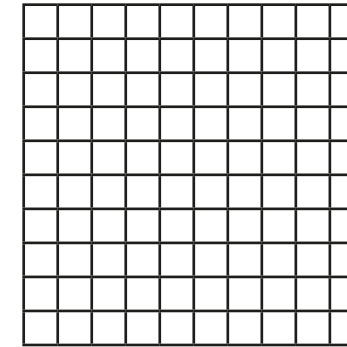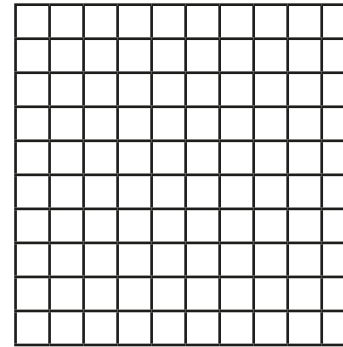|	
1.3	one tenth and three hundredths
	thirty hundredths
0.03	one and three tenths
	thirteen tenths
0.3	thirteen hundredths
	three tenths
0.13	three hundredths

6 Shade the hundred squares to represent 12 hundredths in three different ways.
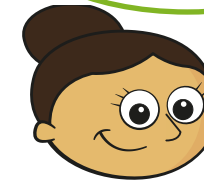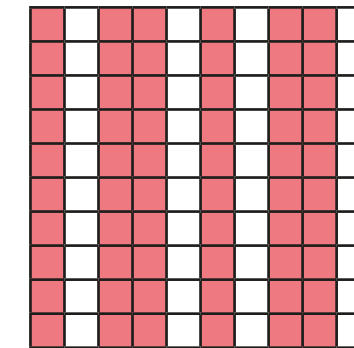
Compare answers with a partner.

What is the same? What is different?
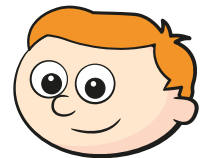
7

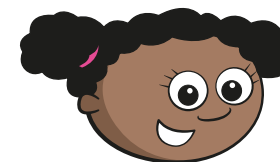0.6 of the hundred square is shaded.

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.