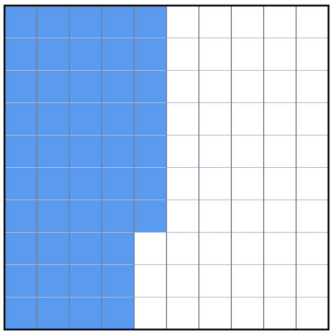
Name _____ Date _____

Hundredths and Thousandths

Example

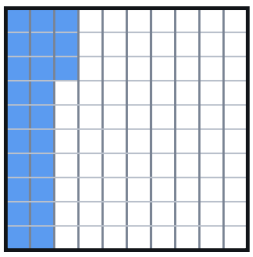
$0.47 = \frac{47}{100}$



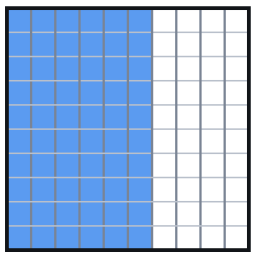
Split the grid into 100 **small squares**. One square is **one hundredth**: $\frac{1}{100} = 0.01$. A column has 10 squares: one tenth $=$ ten hundredths.

0.47 is 4 tenths and 7 hundredths, or 47 hundredths: $\frac{47}{100}$.

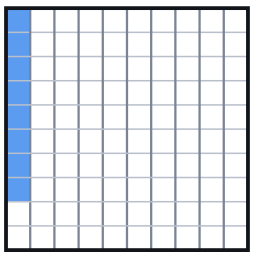
1 **ON YOUR OWN** What part of the grid is coloured? Write it as a fraction and as a decimal.



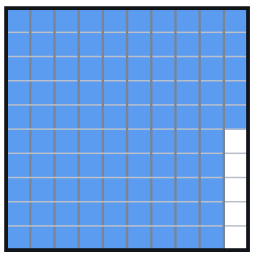
$\frac{\square}{100} = \square$



$\frac{\square}{100} = \square$

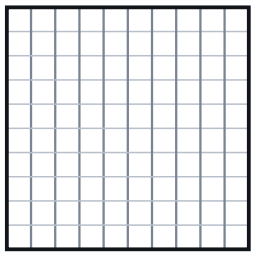


$\frac{\square}{100} = \square$

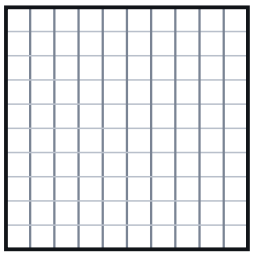


$\frac{\square}{100} = \square$

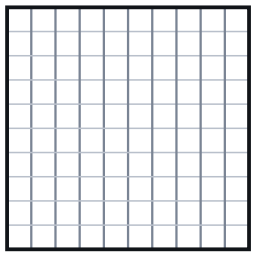
2 **ON YOUR OWN** Colour the given part of the grid.



0.35



0.7



0.04

Names (pair) _____ Date _____

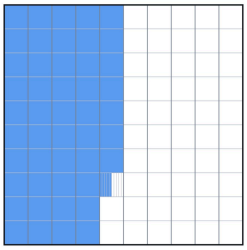
3 IN PAIRS Complete the table.

number	tenths	hundredths	hundredths in all
0.58			
0.3			
0.07			
	6	1	
			90

Remember

Split a small square into 10 strips: one strip is **one thousandth**, $\frac{1}{1000} = 0.001$. The number 0.475 has 4 tenths, 7 hundredths and 5 thousandths, or 475 thousandths.

$0.475 = \frac{475}{1000}$



4 ON YOUR OWN Write in figures or in words.

thirty-five hundredths = ☐

two and seven tenths = ☐

eight hundredths = ☐

0.125 = _____

3.06 = _____

Names (pair) _____ Date _____

5 IN PAIRS True or false? Explain using the grid.

Mia says: 0.5 is five hundredths. **true / false**

Why? _____

Ivan says: 0.05 and 0.50 are the same number. **true / false**

Why? _____

Ana says: 0.6 and 0.60 are the same number. **true / false**

Why? _____

6 IN PAIRS Write three different decimals that are greater than 0.3 and less than 0.4. Use the grid: how many hundredths are in 0.3, and how many in 0.4?

☐ ☐ ☐

The Decimal Grid app · otooly.com/decimal-grid

Type a number and compare the decimal and the fraction. For thousandths, type e.g. 0.475.

★ ON YOUR OWN **Exit card.** Write as decimals: $\frac{9}{100}$, $\frac{35}{100}$, $\frac{7}{1000}$. Which of them is the smallest?

_____