

1	
ts	\odot
\sim	

)	42.03	
)	106.48	
	476.4	



6	Rosie is finding different ways to partition 0.73	8 Match the words to the numerals.
	0.73 = 0.7 + 0.03 or $0.3 + 0.43$	5 ones, 6 tenths and 5 hundredt
		5 tenths and 6 hundredths
	OnesTenthsHundredths073	5 ones, 5 tenths and 6 hundredt
	In what other ways can 0.73 be partitioned? List as many ways as you can below.	6 tens and 5 hundredths
		9 Annie has three digit cards.
		0 2
7	Alex is thinking of a number.	Are the statements true or false? Exp a) The largest number Annie can ma
	My number has 3 digits, is greater than 1 but less than	
	a) What number could Alex be thinking of?	b) The smallest number Annie can m
	Talk about it with a partner.	
	b) Write all the possible numbers Alex could be thinking of.	c) Annie can make six different numl
	c) Write another clue that would mean Alex's number is 1.34	



edths		0.56
าร		60.05
	-	
edths		5.56
S		5.65
	-	





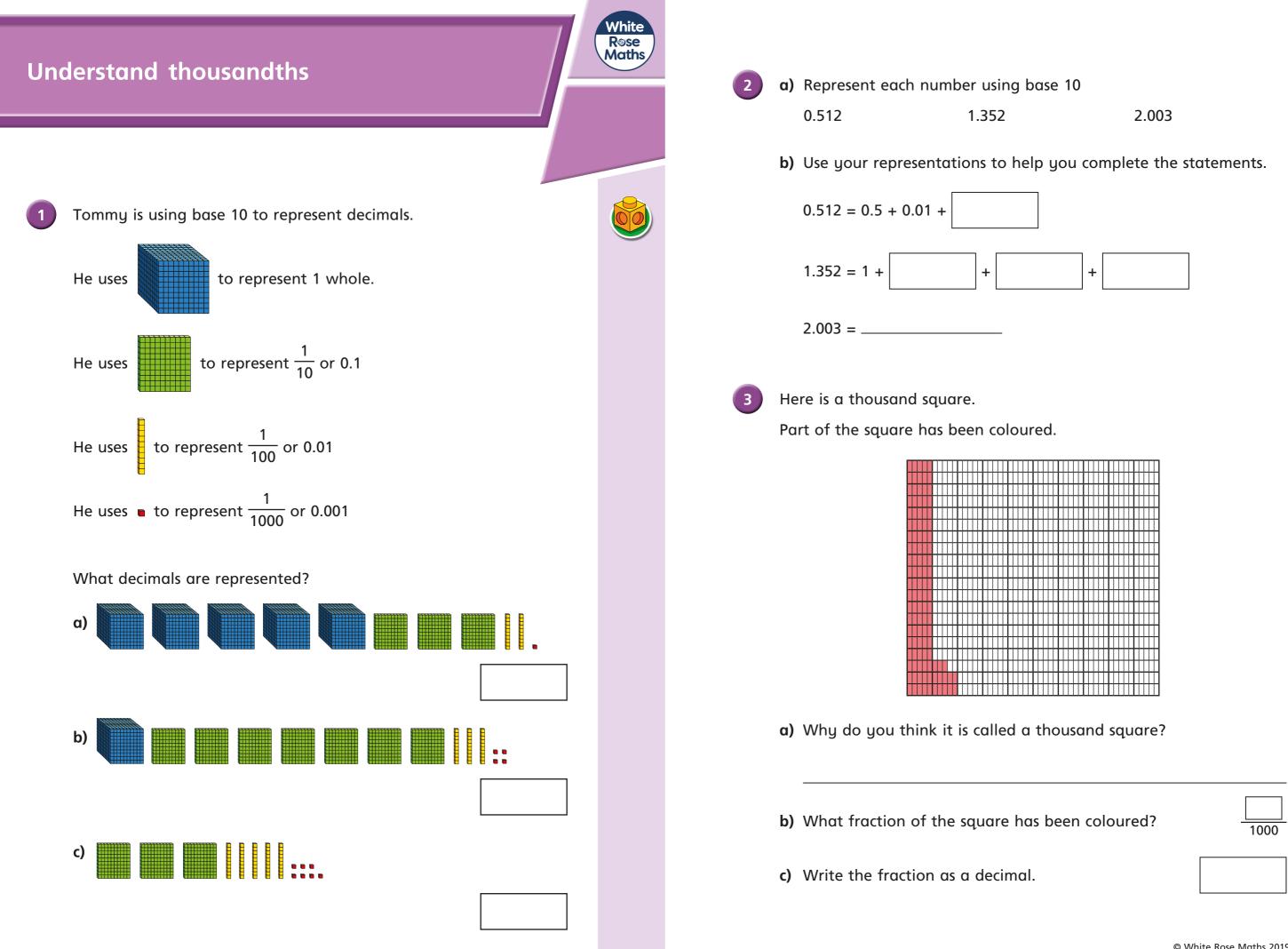
plain your answers.

ake is 5.02

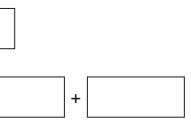
nake is 0.25

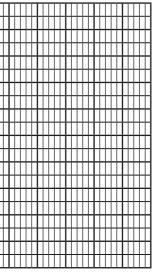
nbers.



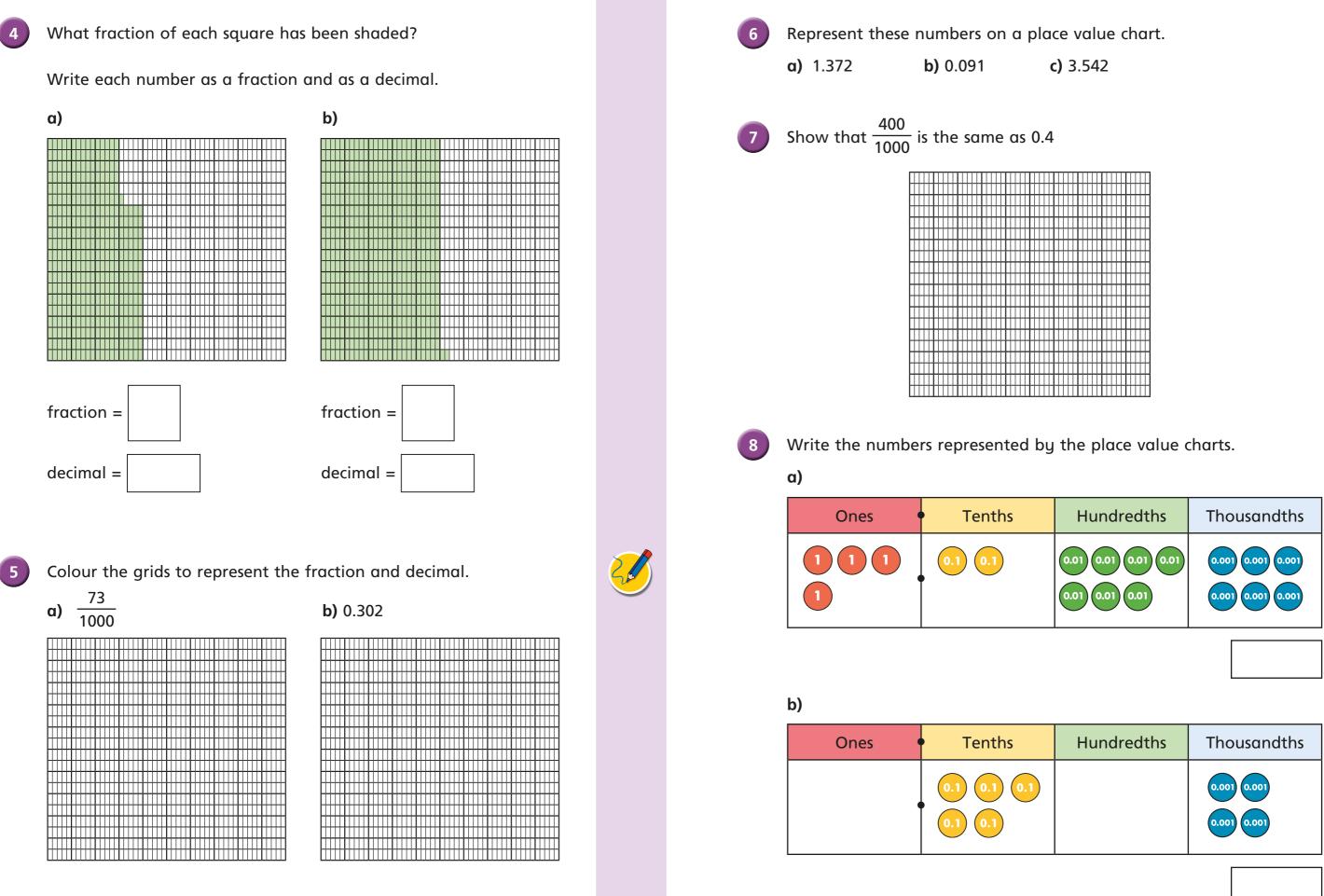












Hundredths	Thousandths
	0.001 0.001





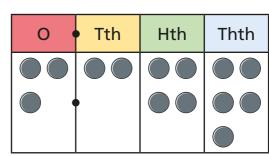


Three decimal places

Complete the sentences.

2

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Use place value counters to make the numbers. Draw your answers.

a) 1.343

1

Т	0	Tth	Hth	Thth

b) 16.052

Т	0	Tth	Hth	Thth

c) 7.001

Т	0	Tth	Hth	Thth

d) 70.01

т	0	Tth	Hth	Thth

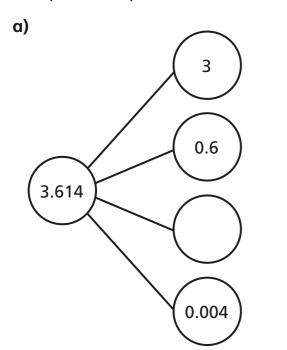
	There are ones.
	There are tenths.
	There are hundredths.
	There are thousandths.
	The number in digits is
3	Write the value of the 3 in each nu
	a) 3.65
	b) 0.093
	c) 18.31
	d) 72.439
	e) 32.701
	f) 19.03

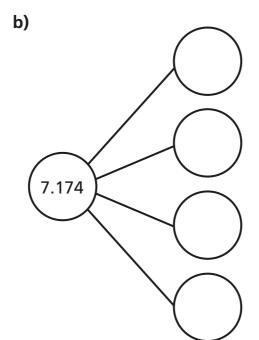
number.

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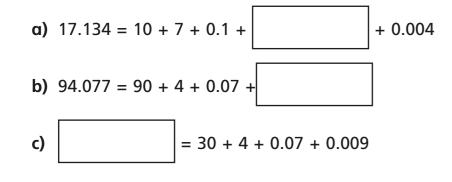
Complete the part-whole models.





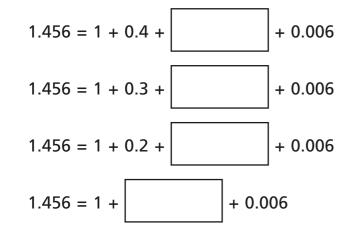
5

Complete the number sentences.





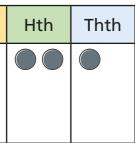
Complete the number sentences.

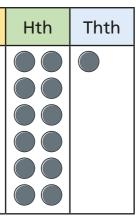


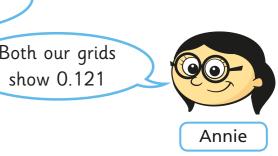
	7 Mo	and Annie	e have	e repre	esented	0.
	Moʻ	's chart		0	• Tth	
					•	
			L			
	_		_			
	Anr	nie's chart		0	• Tth	
					+	
		00			ny grid 0.121	
		Mo			6	В
\sim	Wh	o do you c	naree	with?		
		lain why.	.9.00			

0.121 on their place value charts.





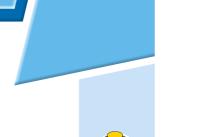






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Multiply by 10, 100 and 1,000



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a) Draw counters on the place value charts to represent each calculation.

4.4 × 1

3

Th	Н	Т	0	Tth	Hth
				•	

4.4×10

Th	Н	Т	0	Tth	Hth

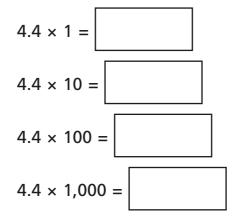
4.4×100

Th	Н	Т	0	Tth	Hth

$4.4 \times 1,000$

Th	Н	Т	0	Tth	Hth

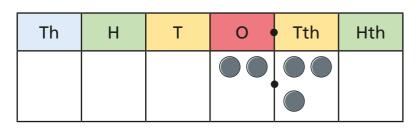
b) Complete the calculations.



What do you notice?

Complete the calculations and sentences.

Use place value counters to help you.



a) 2.3 × 10 =

When the number is multiplied by 10 the counters move place to the left.

b) 2.3 × 100 =

When the number is multiplied by 100 the counters move places to the left.

c) 2.3 × 1,000 =

When the number is multiplied by 1,000 the counters move places to the left.

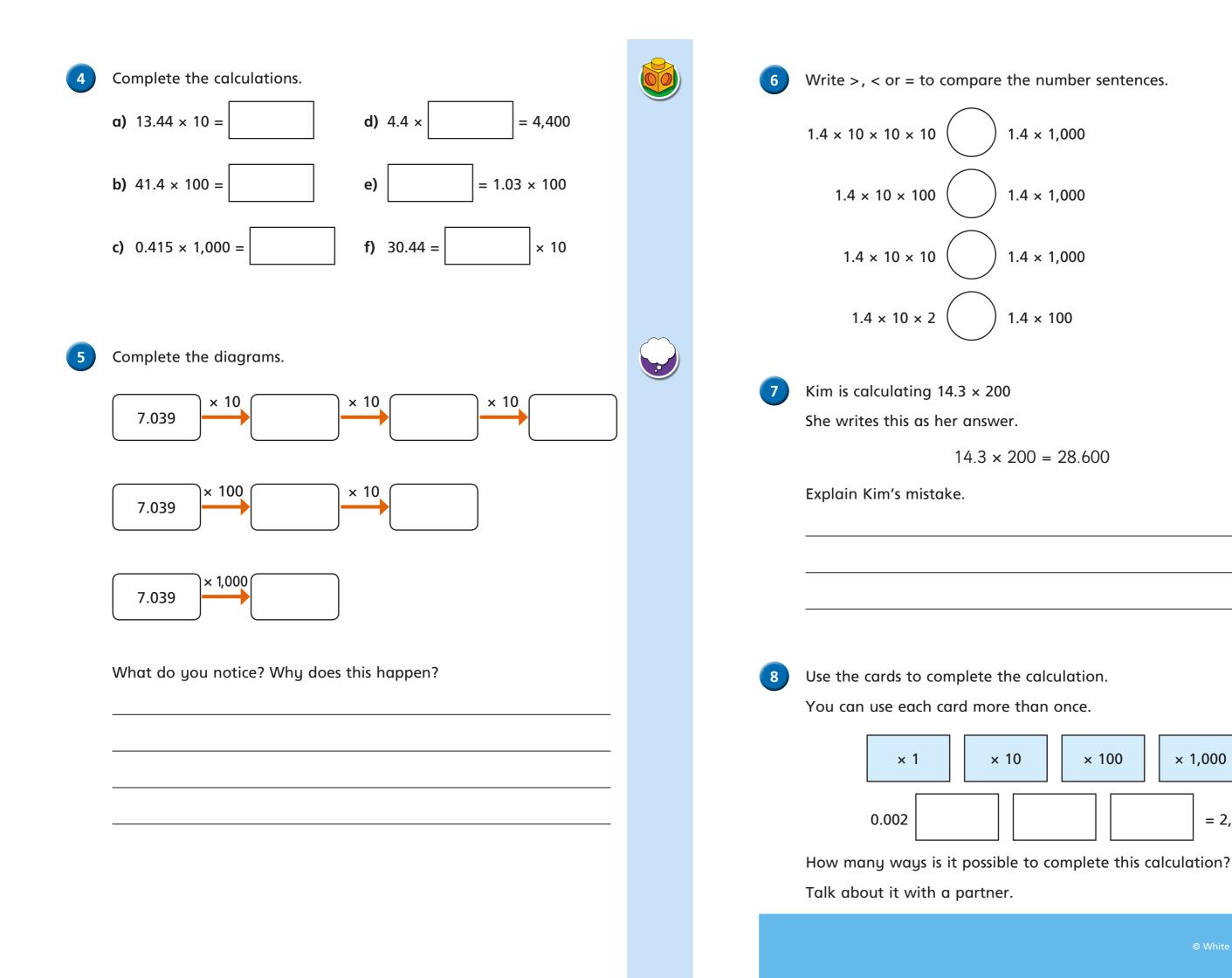


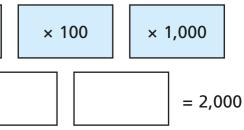
Complete the diagram.









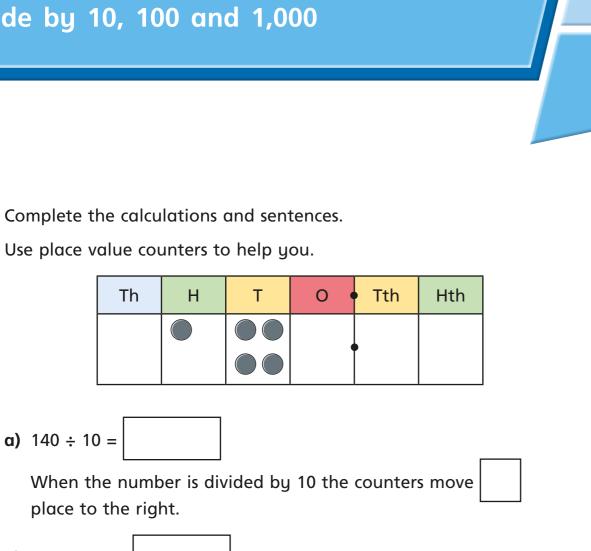








Divide by 10, 100 and 1,000



place to the right.

a) 140 ÷ 10 =

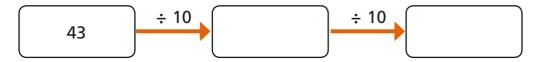
b) 140 ÷ 100 =

When the number is divided by 100 the counters move places to the right.

c) 140 ÷ 1,000 =

When the number is divided by 1,000 the counters move places to the right.

Complete the diagram.



a) Draw counters to represent the calculations.

123 ÷ 1

3

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OC

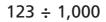
Н Т 0



н	Т	0	Tth	Hth	Thth
		•	•		

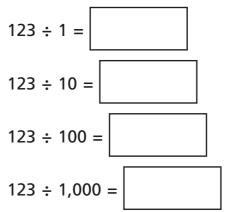


Н	Т	0	Tth	Hth	Thth



Н	Т	0	Tth	Hth	Thth

b) Complete the calculations.



What do you notice?



Tth	Hth	Thth



