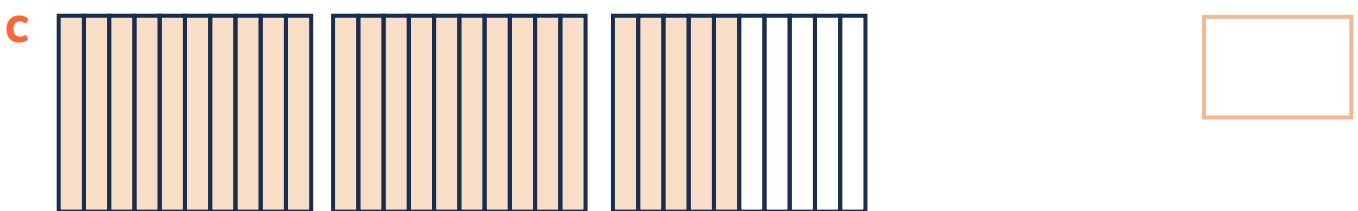
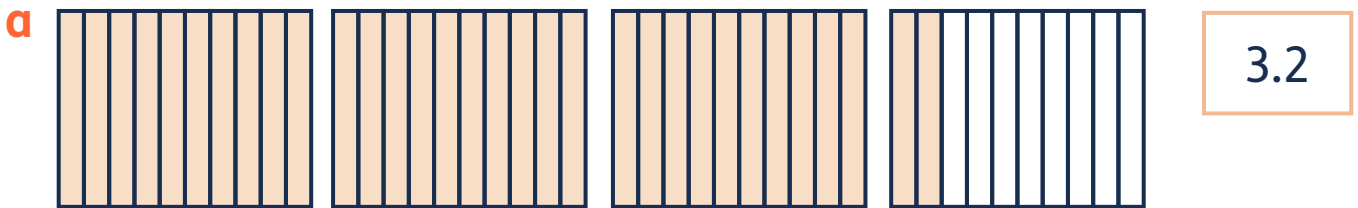


Decimals: tenths and hundredths

Question 1

What numbers are shown by these diagrams? Each large rectangle is 1 whole number. The first one has been done for you.

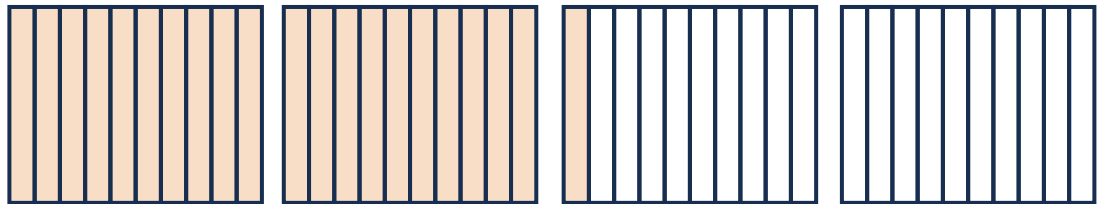


Decimals: tenths and hundredths

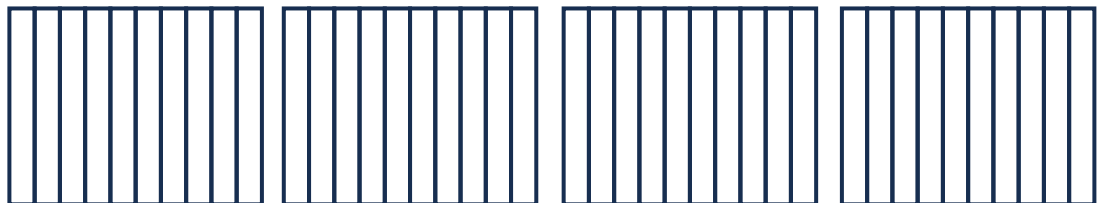
Question 2

Can you shade these shapes to make the numbers shown?
The first one has been done for you.

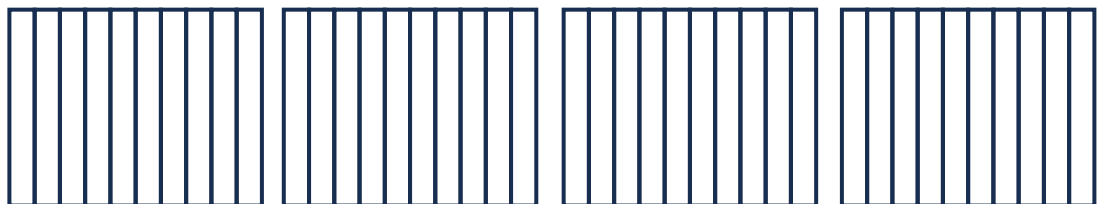
a 2.1



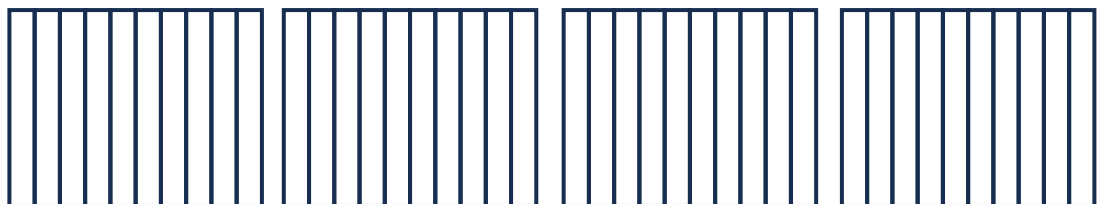
b 3.3



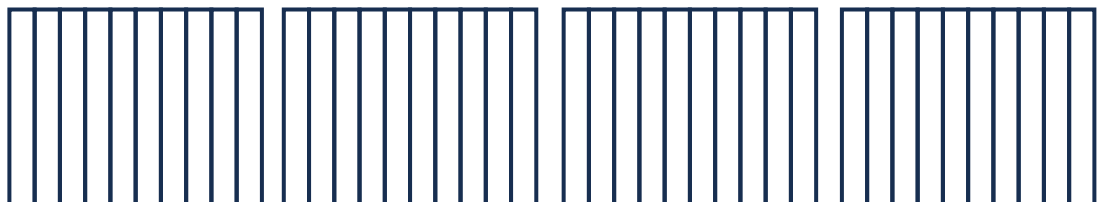
c 0.7



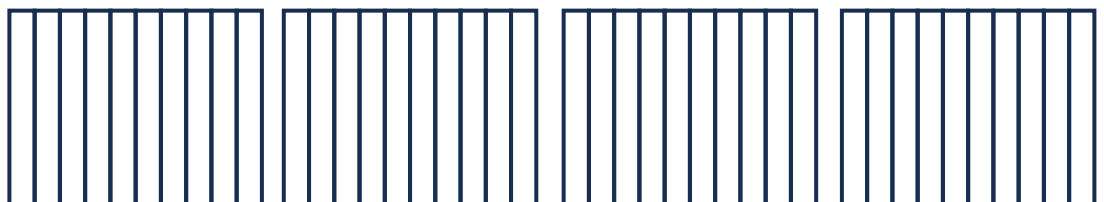
d 0.5



e 1.2



f 1.9



Decimals: tenths and hundredths

Question 3

Look at these numbers written in words. Can you write them in numerals in the place value grid?

a Four point eight

T	O	●	t
		●	

b Thirteen point one

T	O	●	t
		●	

c Zero point six

T	O	●	t
		●	

d Ten point four

T	O	●	t
		●	

e Nought point three

T	O	●	t
		●	

f Twenty point nine

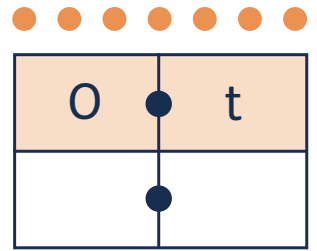
T	O	●	t
		●	



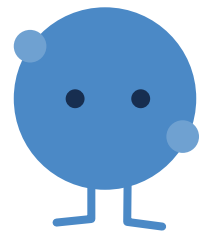
Decimals: tenths and hundredths

Question 4

Can you solve this problem?



Hannah has seven place value counters. Her teacher asks her to use all of the counters to make a number that is greater than three, but less than seven. She must put at least one counter in each place value column. What numbers could she make?



Question 5

Can you complete these calculations?

a $50 \div 10 = \square$

b $30 \div 10 = \square$

c $22 \div 10 = \square$

d $87 \div 10 = \square$

e $35 \div 10 = \square$

f $47 \div 10 = \square$

g $98 \div 10 = \square$

h $24 \div 10 = \square$

i $8 \div 10 = \square$

j $1 \div 10 = \square$

k $6 \div 10 = \square$

l $3 \div 10 = \square$

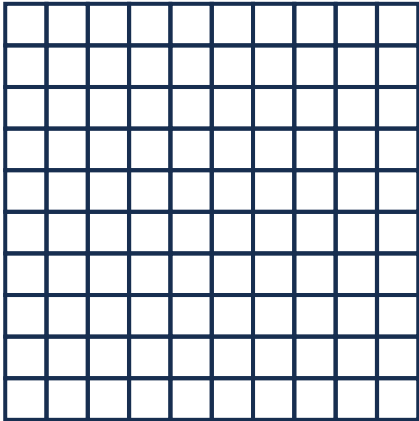


Decimals: tenths and hundredths

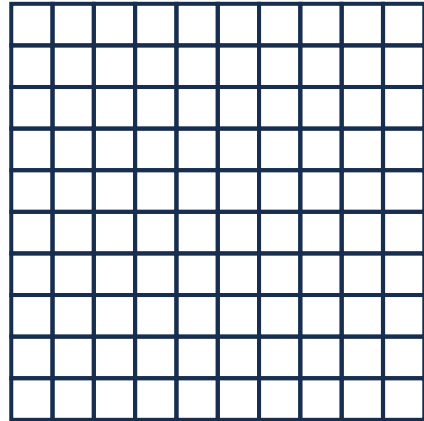
Question 6

Can you use the grid to show these numbers?

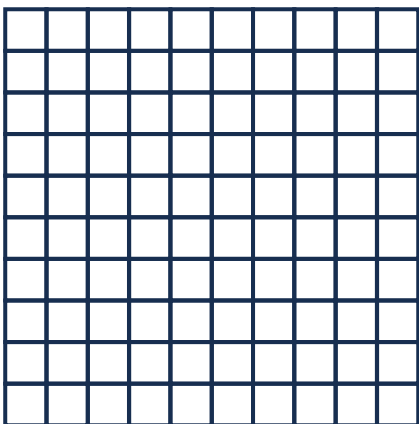
a 24 hundredths



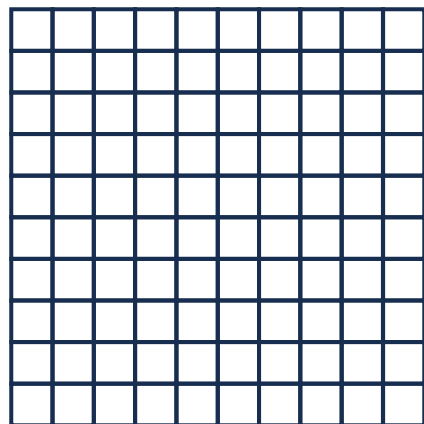
b 0.67



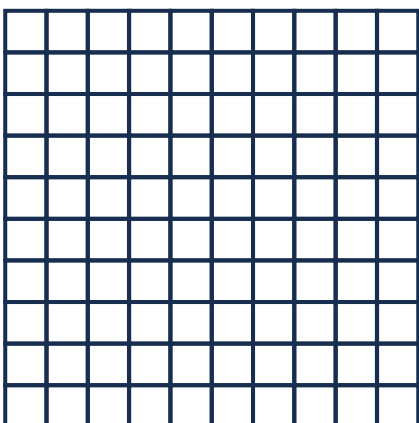
c zero point eight three



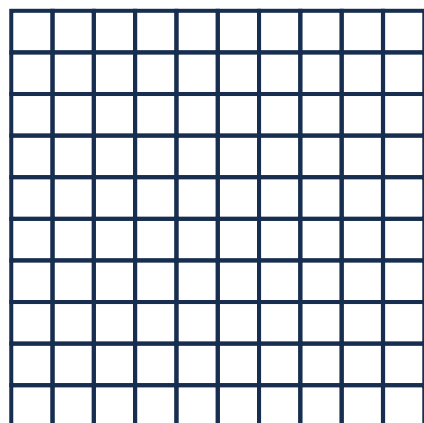
d fifteen hundredths



e 0.08



f 9 hundredths



Decimals: tenths and hundredths

Question 7

Look at these numbers written in words. Can you write them in numerals in the place value grid?

a Forty-three point eight six

T	O	●	t	h
		●		

b Zero point zero five

T	O	●	t	h
		●		

c Nine point zero nine

T	O	●	t	h
		●		

d Ten point three two

T	O	●	t	h
		●		

e Twelve point two one

T	O	●	t	h
		●		

f Eight point eight

T	O	●	t	h
		●		



Decimals: tenths and hundredths

Question 8

Can you solve this problem?

A group of 10 friends go out for lunch. The bill is £75. They split the bill equally. How much does each friend pay?

£

Question 9

Ben thinks there are at least 5 different ways he can partition the number 0.51. Is he right? Can you prove your answer?

Question 10

Can you complete these calculations?

a $29 \div 100 = \square$ **b** $92 \div 100 = \square$ **c** $12 \div 100 = \square$

d $80 \div 100 = \square$ **e** $18 \div 100 = \square$ **f** $5 \div 100 = \square$

g $15 \div 100 = \square$ **h** $7 \div 100 = \square$ **i** $1 \div 100 = \square$

