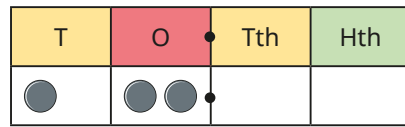
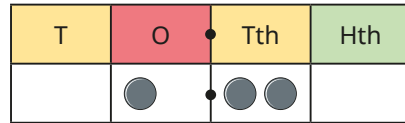


1 Mo makes a number.



Mo divides his number.



Complete the sentences.

The counters have moved place to the right.

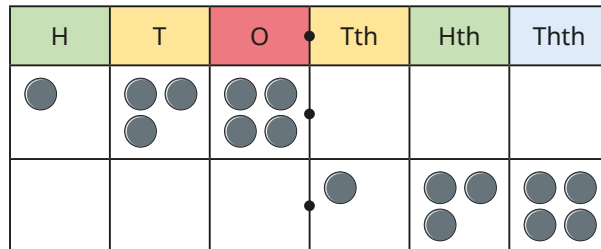
Mo divided his number by .

2 Complete the sentences for each place value chart.

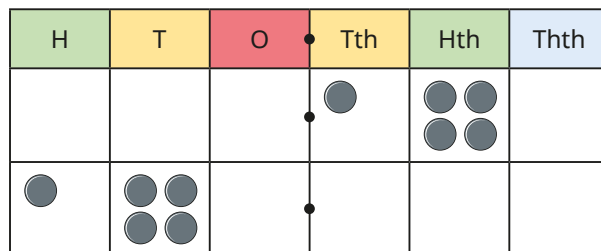
The counters have moved places to the _____

The number has been _____ by .

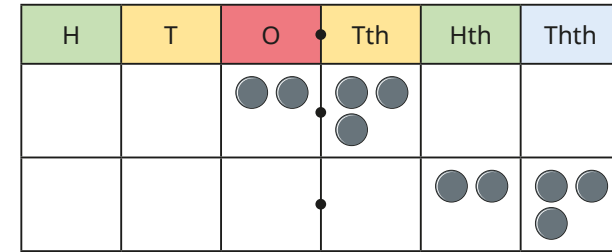
a)



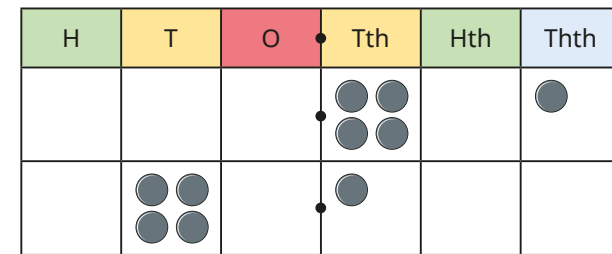
b)



c)



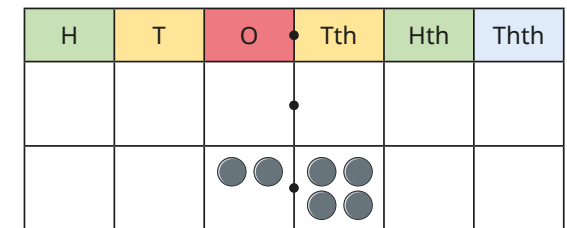
d)



3 Rosie thinks of a number.

She divides it by 100

She ends with the number shown on the place value chart.

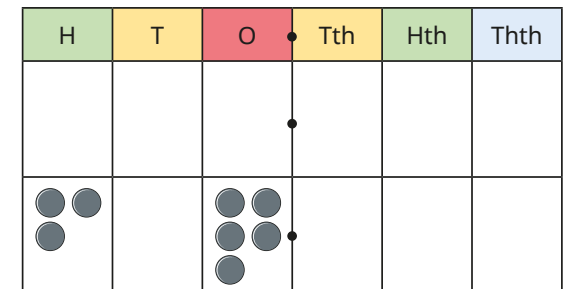


a) Draw the number Rosie started with.

Amir thinks of a number.

He multiplies it by 1,000

He ends with the number shown.



b) Draw the number Amir started with.



c)

H	T	O	Tth	Hth	Thth
		●●	●●●		
			●	●●	●●●

d)

H	T	O	Tth	Hth	Thth
			●●●		●
	●●		●		

3 Rosie thinks of a number. She divides it by 100. She ends with the number shown on the place value chart.

H	T	O	Tth	Hth	Thth
			●		
		●●	●●●		

a) Draw the number Rosie started with.

Amir thinks of a number. He multiplies it by 1,000. He ends with the number shown.

H	T	O	Tth	Hth	Thth
			●		
●●		●●●	●		

b) Draw the number Amir started with.

4 Work out the missing numbers.

a) $7.7 \times \square = 770$

e) $8.032 \times \square = 80.32$

b) $\square \times 10 = 1,950$

f) $\square \times 18.3 = 1,830$

c) $11.5 \times \square = 115$

g) $195.32 \times \square = 1,953.2$

d) $\square \times 11.5 = 11,500$

h) $\square \times 1,000 = 7,200$

5 Work out the missing numbers.

a) $83 \div \square = 0.83$

e) $1,799 \div \square = 17.99$

b) $\square \div 10 = 0.95$

f) $\square \div 100 = 11.8$

c) $\square \div 10 = 3.9$

g) $178 \div \square = 17.8$

d) $68 \div \square = 0.068$

h) $3.18 \div \square = 0.318$

6 Work out the missing numbers.

a) $\square \xrightarrow{\div 10} \square \xrightarrow{\div 100} 0.065$

b) $\square \xrightarrow{\times 100} \square \xrightarrow{\div 10} 2.3$

c) $\square \xrightarrow{\div 1,000} \square \xrightarrow{\times 100} 5.7$

d) $2.6 \xrightarrow{\div \square} \square \xrightarrow{\times 10} 0.26$

e) $0.12 \xrightarrow{\times \square} \square \xrightarrow{\div \square} 12$

Compare answers with a partner.