L.O. to divide 1-digits by ten

What numbers are represented in these place value grids?

Tens	Ones	Tenths	Hundredths
	• •		
	• •		

Tens	Ones	Tenths	Hundredths
• •			
•			
• •			

Tens	Ones	Tenths	Hundredths
		• •	
		• •	
		• •	

Sarah uses counters to make a 1-digit number.

tens	ones		tenths	hundredths
10	1	●	0.1	0.01
	🔴🔴🔴	●		

She has made the number 3.

To divide a number by 10, we need to move the counters one column to the right.

tens	ones		tenths	hundredths
10	1	●	0.1	0.01
		●	🔴🔴🔴	

The number is now 0.3.

When we divide by 10 we move one column to the right ➞ to show the number has got ten times smaller.

Tens	Ones •	Tenths	Hundredths

Use the place value chart to divide 5 by 10.

Tens	Ones	Tenths	Hundredths

Use a place value chart to solve the number sentences below.

Tens	Ones	Tenths	Hundredths

$7 \div 10 = \boxed{}$

$\boxed{} = 4 \div 10$

$9 \div 10 = \boxed{}$

$\boxed{} = 2 \div 10$

Use a place value chart to solve the number sentences below.

Tens	Ones	Tenths	Hundredths

$0.2 = \underline{} \div 10$

$0.8 = \underline{} \div 10$

$\underline{} \div 10 = 0.4$

$5 \div \underline{} = 0.5$

Which equation matches the answer shown in
the place value grid below?
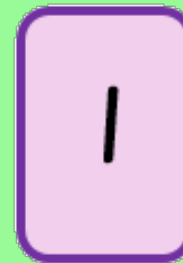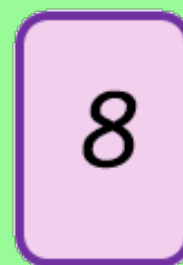
$$10 \div 8 = 0.8$$

$$8 \div 10 = 0.8$$

$$0.8 \div 10 = 8$$

Tens	Ones •	Tenths	Hundredths
	0 .	8	

Use the digit cards to make the following
statement correct.
Give 5 possibilities.

☐ ÷ 10 > ☐ ÷ 10

| 4 | 2 | 8 | 1 |

$5 ÷ 10 = \underline{}$

$9 ÷ 10 = \underline{}$

$4 ÷ 10 = \underline{}$

$3 ÷ 10 = \underline{}$

$6 ÷ 10 = \underline{}$

$2 ÷ 10 = \underline{}$

$8 ÷ 10 = \underline{}$

$6 ÷ \underline{} = 0.6$

$\underline{} ÷ 10 = 0.4$

$0.9 = \underline{} ÷ 10$

$0.1 = \underline{} ÷ 10$

$7 ÷ \underline{} = 0.7$

$\underline{} ÷ 10 = 0.3$

$0.2 = \underline{} ÷ 10$

$0.5 = \underline{} ÷ 10$