Ari	thmeti	kc LO:	To mi	ultiply	and	divide	. numi	bers b	y 10 a	ınd 10	0.			
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GET READY

On your whiteboards, answer these questions:

2 x 10

4 x 10

8 x 10

11 x 10

5 x 100

 7×100

9 x 100

What do you notice about your answers and the questions?

When we multiply, what happens to our answer?

So, which way will the digits move on a PV chart?

When we divide, what happens to our answer?

So, which way will the digits move on a PV chart?

How many spaces will they move if it is by 10?

How many spaces will they move if it is by 100?

Or	ı yo	our like	wh	itek	ισαι	ds,	, dr	aw	a	pla	ce	vali	æ	
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Your turn:

Extension activity:

Jack is thinking of a 3-digit number.

When he multiplies his number by 100, the ten thousands and hundreds digit are the same.

The sum of the digits is 10

What number could Jack be thinking of?

Use the digit cards to fill in the missing digits.

123456789

170 ÷ 10 = ___

 $20 \times 10 = 3,00$

 $1,8_0 \div 10 = 1_6$

 $_9 \times 100 = 5, _00$

6_ = 6,400 ÷ 100