

Y4 – Monday – Decimals

LO: divide a 2-digit number by 10

Watch the video first:

<https://drive.google.com/file/d/1JvpokSqUKzuRdaNsGs1HhysZgzfChdgh/view?usp=sharing>

When we divide a number by 10 we move the counters one place to the right.

$46 \div 10 =$

tens	ones	tenshs	hundredths
● ●	● ●		
● ●	● ●	●	
	● ●		

tens	ones	tenshs	hundredths
4	6	●	

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$46 \div 10 = 4.6$

tens	ones	tenshs	hundredths
	● ●	● ●	
	● ●	● ●	
		● ●	

tens	ones	tenshs	hundredths
	4	●	6

When we divide a number by 10 we move the counters one place to the right.

1. $55 \div 10 = \boxed{5.5}$

2. $\boxed{9} = 90 \div 10$

3. $3.2 = \boxed{32} \div 10$

tens	ones	•	tenths	hundredths

1. $32 \div 10 = \square$

2. $65 \div 10 = \square$

3. $28 \div 10 = \square$

4. $60 \div 10 = \square$

5. $78 \div 10 = \square$

6. $91 \div 10 = \square$

7. $\square = 32 \div 10$

8. $\square = 54 \div 10$

9. $\square = 40 \div 10$

10. $1.8 = \square \div 10$

11. $3.9 = \square \div 10$

12. $6.7 = 67 \div \square$

13. $43 \div 10 = 3.2 + \square$

14. $\square \div 10 = 450 \div 10 \div 10$

15. $84 \div 10 = 7 \times \square \div 10$

Number 15 is tricky!

Dexter says,



When I divide a 2-digit number by 10, my answer will always have digits in the ones and tenths columns.

Show that Dexter is incorrect.