



Year Four answers 20/5/20

Maths

Today we are going to divide whole numbers by 10 and 100. When we divide, our number will get smaller therefore we have to move the digits to the RIGHT this time. Remember ONE place when dividing by 10 and TWO places when dividing by 100. See additional resource for help.

Fluency

Divide by 10	Divide by 100
1. $80 = 8$	1. $500 = 5$
2. $700 = 70$	2. $200 = 2$
3. $450 = 45$	3. $4900 = 49$
4. $840 = 84$	4. $7100 = 71$
5. $7430 = 743$	5. $9000 = 90$
6. $5300 = 530$	6. $3000 = 30$

Use <, > or = to make each statement correct.

$3,600 \div 10$	>	$3,600 \div 100$
$2,700 \div 100$	=	$270 \div 10$
$4,200 \div 100$	<	$430 \div 10$

Reasoning

Eva and Whitney are dividing numbers by 10 and 100

They both start with the same 4-digit number.

They give some clues about their answer.



Eva

My answer has 8 ones and 2 tens.



Whitney

My answer has 2 hundreds, 8 tens and 0 ones.

What number did they both start with?
Who divided by what?

They started with 2,800

Whitney divided by 10 to get 280 and
Eva divided by 100 to get 28

Mastery

Use the digit cards to fill in the missing digits.



$$170 \div 10 = \underline{\quad}$$

$$\underline{\quad}20 \times 10 = 3,\underline{\quad}00$$

$$1,8\underline{\quad}0 \div 10 = 1\underline{\quad}6$$

$$\underline{\quad}9 \times 100 = 5,\underline{\quad}00$$

$$6\underline{\quad} = 6,400 \div 100$$

$$170 \div 10 = \underline{17}$$

$$\underline{3}20 \times 10 = 3,\underline{2}00$$

$$1,860 \div 10 = 186$$

$$\underline{5}9 \times 100 = 5,\underline{9}00$$

$$64 = 6,400 \div 100$$

English

If we followed the rule for each of the verbs and turned them into nouns, the words would look like this:

Found + ation = foundation (we don't need to change the spelling of the verb)

Magic + ation = magication. This isn't a real word!

Inform + ation = information (we don't need to change the spelling of the verb)

Admire - - - admir + ation = admiration (the verb ends in e so we need to remove it first)

Repeat + ation = repeatation. This isn't a real word!

Prepare - - - prepar + ation = preparation (the verb ends in e so we need to remove it first)

Adore - - - ador + ation = adoration (the verb ends in e so we need to remove it first)

Pass + ation = passation. This isn't a real word!

Did you get them right? Use a dictionary to look up the definitions for any words you are unfamiliar with. I think maybe adoration might be a new word for some of us.

Foundation Subject – Science

