

Year 6

Block 8

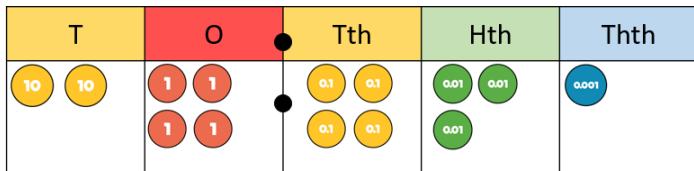
Unit: Decimals

Key Vocabulary:

tenths	hundredths	thousandths	place value	integer	decimal
value	column	round			

What will I know by the end of this unit?

Place value - integers and decimals:



There are 2 tens, 4 ones, 4 tenths, 3 hundredths and 1 thousandth.

The number is 24.431

Round decimals:

Round the numbers to the nearest hundredth, tenth and integer.

10.185

Rounded to the nearest integer:

10

When rounding to the nearest integer you look at the digit in the tenths column.

10.185

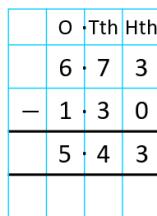
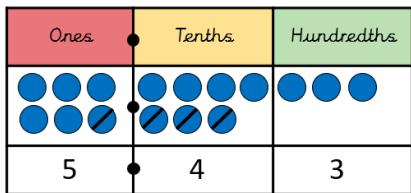
Rounded to the nearest tenth:

10.2

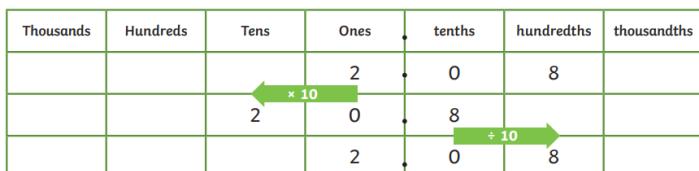
When rounding to the nearest tenth you look at the digit in the hundredths column.

Subtract decimals:

$$6.73 - 1.3 = 5.43$$

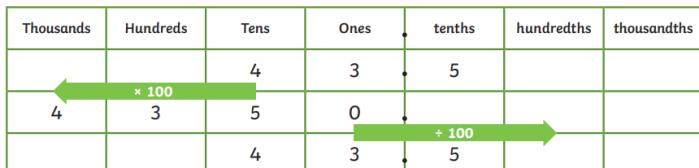


Multiply and divide by 10, 100 and 1,000:



$\times 10$

$\div 10$



$\times 100$

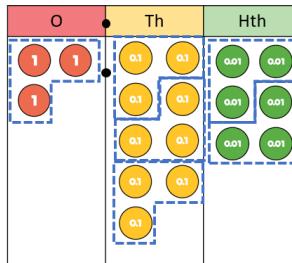
$\div 100$



$\times 1000$

$\div 1000$

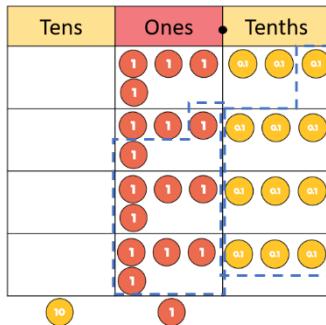
Divide decimals by integers:



13.2
33.96

Multiply decimals by integers:

$$4.3 \times 4 = 17.2$$



4
3
X
172
1