

Key Vocabulary

tenths

hundredths

decimal tenths

decimal hundredths

decimal equivalents

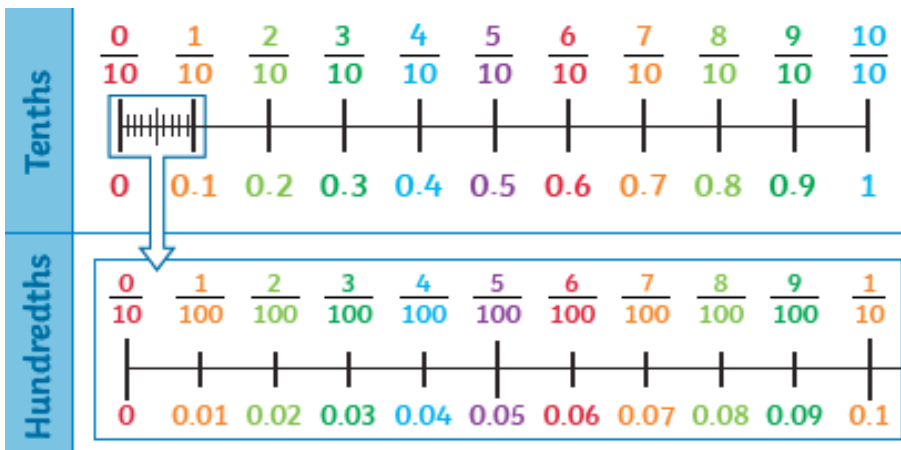
part-whole model

rounding

decimal point

place value

Understand tenths and hundredths



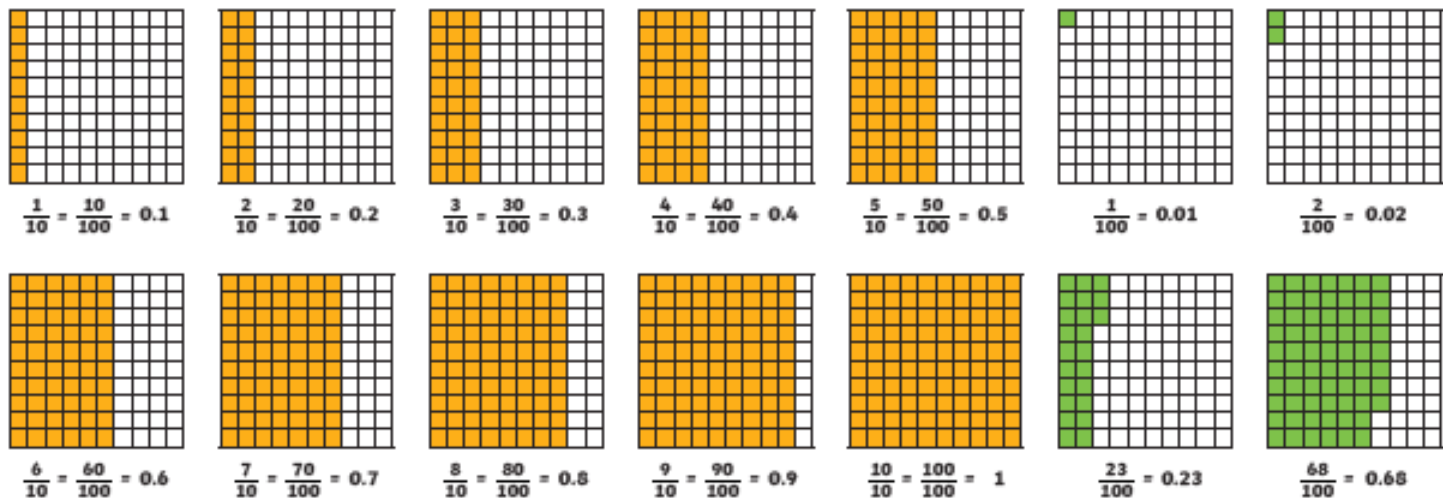
Ten hundredths is equivalent to one tenth

$$10/100 = 1/10$$

Fraction and decimal equivalents

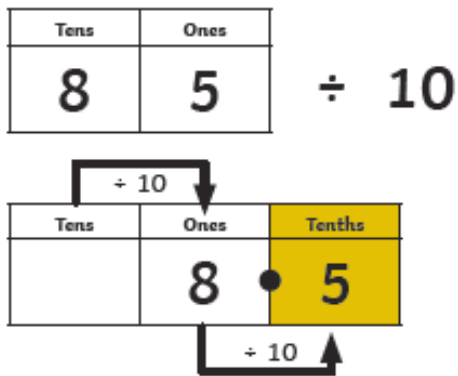


Tenths and hundredths decimal equivalents



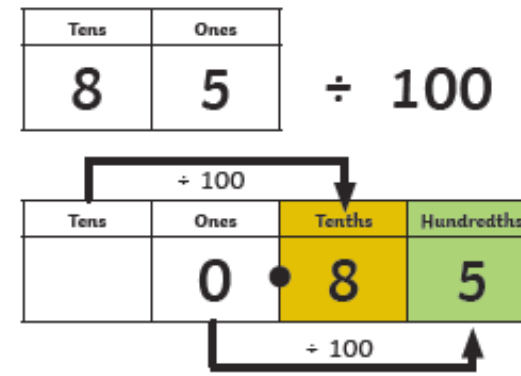
Dividing by 10

When we divide a number by 10, we are splitting the number into 10 equal parts, so it is 10 times smaller than the number we began with.

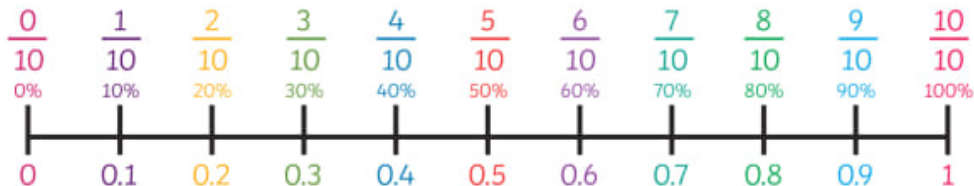


Dividing by 100

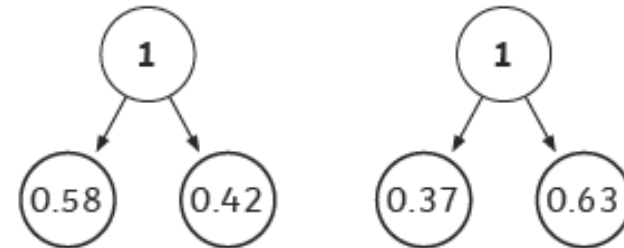
When we divide a number by 100, we are splitting the number into 100 equal parts, so it is 100 times smaller than the number we began with.



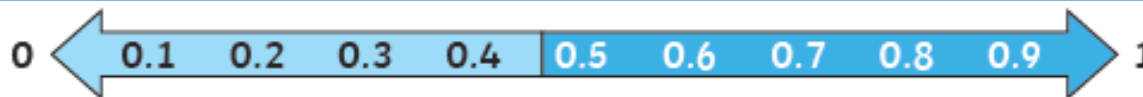
Tenths on a number line



Make a whole



Rounding decimals



If the tenths digit is **1, 2, 3 or 4**, we round **down** to the nearest whole number.

If the tenths digit is **5, 6, 7, 8 or 9**, we round **up** to the nearest whole number.