Wednesday 6th April 2020

Maths-Fractions

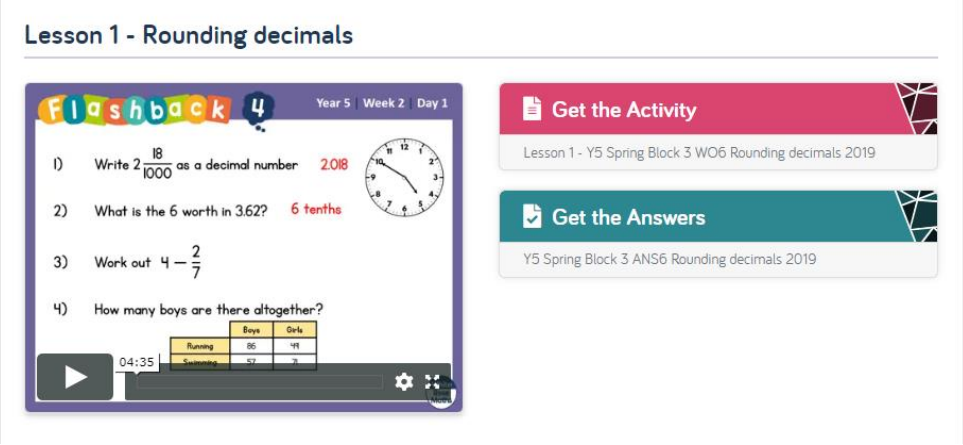
WALT: Read and write decimal numbers as fractions

Arithmetic

8137 + 9394	6841 + 1502	1884 + 474	5679 + 7497	9524 + 4042
9270 + 1906	639 + 122	8929 + 5415	7923 + 9416	4577 + 4453
4811 + 8141	2391 + 449	2628 + 7016	4299 + 5883	8309 + 5218
8387 + 7918	1902 + 6802	3973 + 8403	6852 + 1106	2704 + 2281

Reasoning

Please go to https://whiterosemaths.com/homelearning/year-5/ and do the activity for Week 2, Lesson 1 on here. It should look like this:

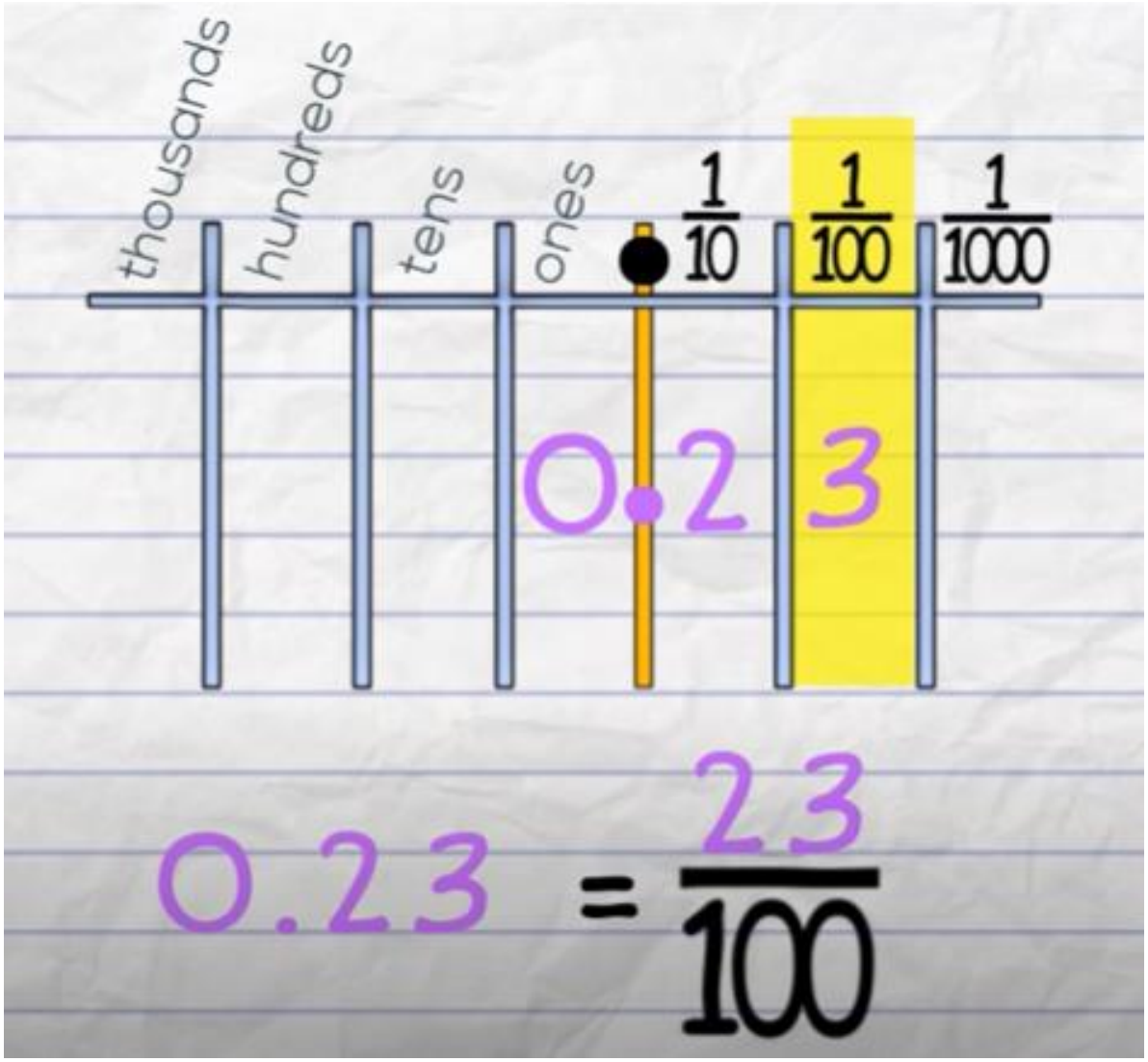


Activity

Converting decimals to fractions.

If you need an explanation of what decimal points are and why and how we use them watch this video first: https://www.youtube.com/watch?v=Mst8iZjIpFE it goes over the whole number system linking everything back to place value, which hopefully everyone has a secure knowledge of.

Once you understand decimals and fractions watch this video for a method of calculation: https://www.youtube.com/watch?v=Z8Pz59o-dpE if you watch this video the next task will be very easy!



Write the decimals as common fractions (the first one is done for you).

Decimal	Common Fraction	Decimal	Common Fraction
.3	$\frac{3}{10}$	.33	———
.5	———	.57	———
.1	———	.9	———
.13	———	.09	———
.27	———	.29	———
.7	———	.37	———

Answers:

8137 + 9394 = 17531	6841 + 1502 = 8343	1884 + 474 = 2358	5679 + 7497 = 13176	9524 + 4042 = 13566
9270 + 1906 = 11176	639 + 122 = 761	8929 + 5415 = 14344	7923 + 9416 = 17339	4577 + 4453 = 9030
4811 + 8141 = 12952	2391 + 449 = 2840	2628 + 7016 = 9644	4299 + 5883 = 10182	8309 + 5218 = 13527
8387 + 7918 = 16305	1902 + 6802 = 8704	3973 + 8403 = 12376	6852 + 1106 = 7958	2704 + 2281 = 4985

Activity:

Write the decimals as common fractions (the first one is done for you).

Decimal	Common Fraction	Decimal	Common Fraction
.3	$\frac{3}{10}$	.33	$\frac{33}{100}$
.5	$\frac{5}{10}$	.57	$\frac{57}{100}$
.1	$\frac{1}{10}$	.9	$\frac{9}{10}$
.13	$\frac{13}{100}$	.09	$\frac{9}{100}$
.27	$\frac{27}{100}$	.29	$\frac{29}{100}$
.7	$\frac{7}{10}$	.37	$\frac{37}{100}$