

Wednesday 6th April 2020

Maths-Fractions

WALT: Read and write decimal numbers as fractions

Arithmetic

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

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:

Lesson 1 - Rounding decimals

Flashback 4 Year 5 | Week 2 | Day 1

1) Write $2\frac{18}{1000}$ as a decimal number **2.018**

2) What is the 6 worth in 3.62? **6 tenths**

3) Work out $4 - \frac{2}{7}$

4) How many boys are there altogether?

	Boys	Girls
Running	85	111
Swimming	52	7

Get the Activity
Lesson 1 - Y5 Spring Block 3 WO6 Rounding decimals 2019

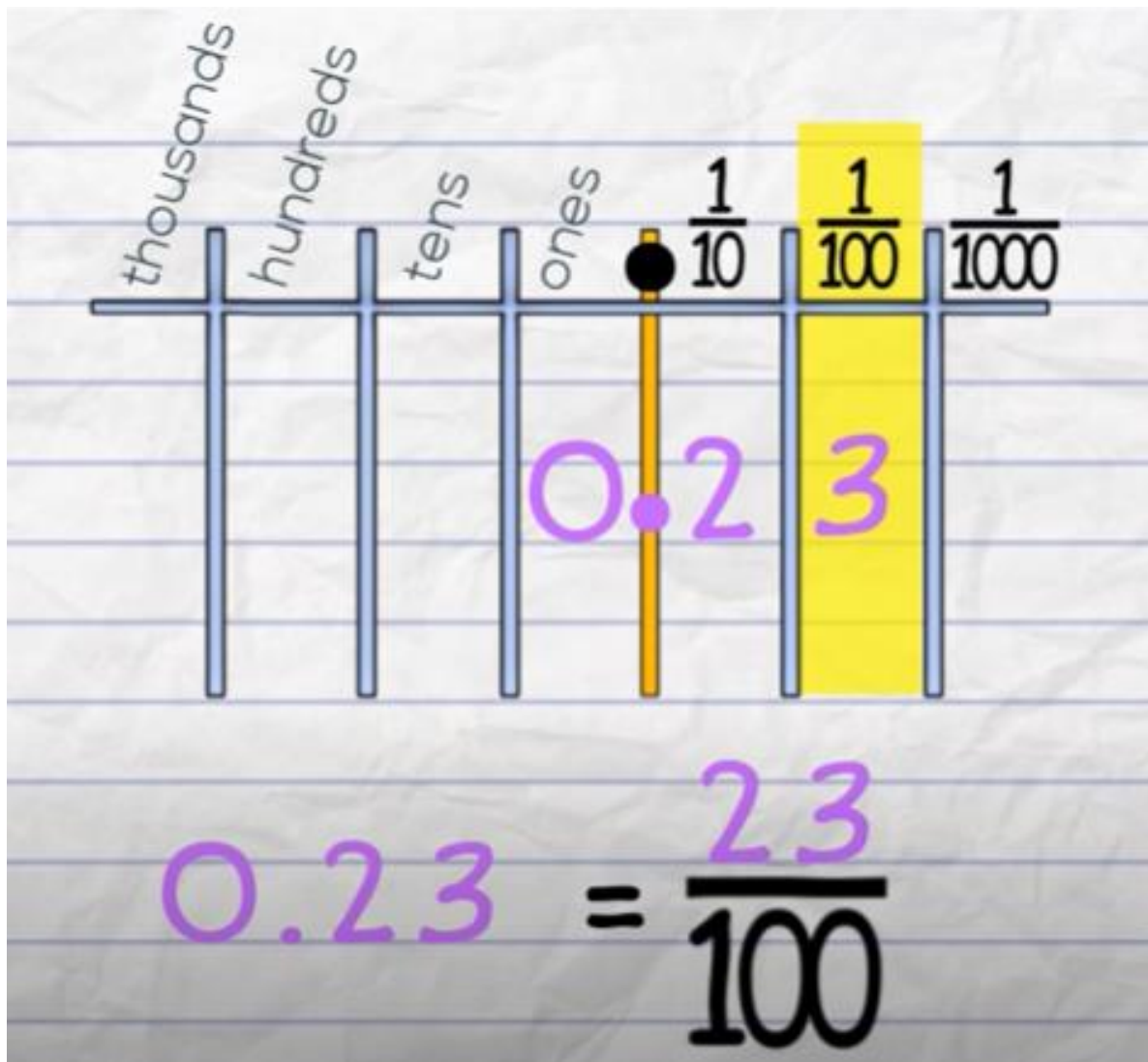
Get the Answers
Y5 Spring Block 3 ANS6 Rounding decimals 2019

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=Mst8iZjlpFE> 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:

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

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	$\frac{37}{100}$