M1L6 - Comparing Decimals   21 Sept. 2020

Ap
  32.15

Word Form: thirty-two and fifteen hundredths.

Unit Form: *3 tens, 2 ones, 1 tenth, 5 hundredths
                 32 ones, 15 hundredths
                 321 tenths, 5 hundredths
                 3215 thousandths

Expanded Form

$$32.15 = (3 \times 10) + (2 \times 1) + (1 \times 0.1) + (5 \times 0.01)$$

$$32\tfrac{15}{100} = (3 \times 10) + (2 \times 1) + \left(1 \times \tfrac{1}{10}\right) + \left(5 \times \tfrac{1}{100}\right)$$

Fluency:

0	5	10		10	15	20
0	0.5	1		1	1.5	2
0	0.05	0.1		0.1	0.15	0.2
0	0.005	0.01		0.01	0.015	0.02
0.7	0.75	0.8		0.7	0.705	0.71
	0.09	0.095	0.1			

Vocabulary:

ascending: going up   least to greatest

decending: going down   greatest to least

0.413   0.056   0.164   0.531

0.056 ;   0.164 ;   0.413   ; 0.531

119.177   119.173   119.078   119.18

119.18   119.177   119.173   119.078

		3	4	2	2	3
		3	4	2	3	2	★

34.223 < 34.232

34.223 is equal
to 34,223 thousandths
34.232 is equal to
34,232 thousandths
34,223 thousandths is 9 thousandths
less than 34,232 thousandths

$$13{,}196 < 13{,}296$$

$$0.012 > 0.002$$

1 hundredth, 2 thousandths   2 thousandths

$$\frac{299}{100} > \frac{3}{10}$$

299 hundredths   3 tenths

$$\frac{299}{1000} < \frac{3}{10}$$

$$\frac{299}{100} < \frac{30}{10}$$

$$\frac{705}{1000} \qquad \frac{7}{10} = \frac{700}{1000}$$

$$0.705 \qquad\qquad 0.7$$

$$15.203 < 15.21$$

$$34.223 \quad < \quad 34.232$$

	3	4	2	2	3
	3	4	2	3	2

34.223 is equal to 34,223 thousandths
34.232 is equal to 34,232 thousandths.
So, 34,232 thousandths is 9 thousandths
greater than 34,223 thousandths.