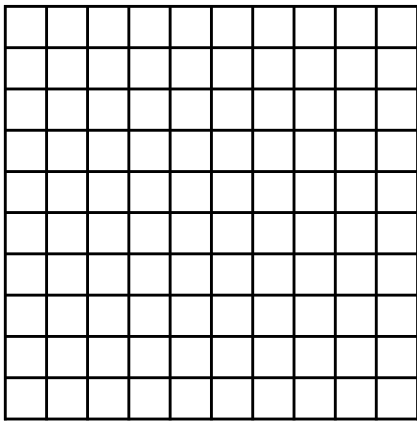


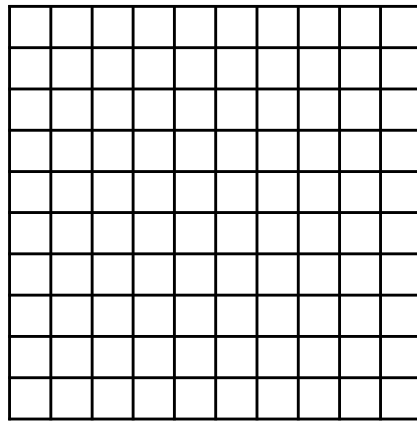
Monday – Decimals as Fractions 1

1. Colour the 100 squares to show the decimals below as fractions.



$$= \frac{\square}{\square} \text{ or } \frac{\square}{\square}$$

A. 0.25



$$= \frac{\square}{\square}$$

B. 0.7

2. Match the visual representation to the decimal and the fraction it shows.

A.



0.5

$\frac{1}{5}$

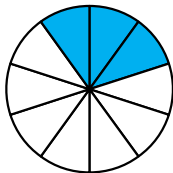
B.



0.3

$\frac{1}{2}$

C.

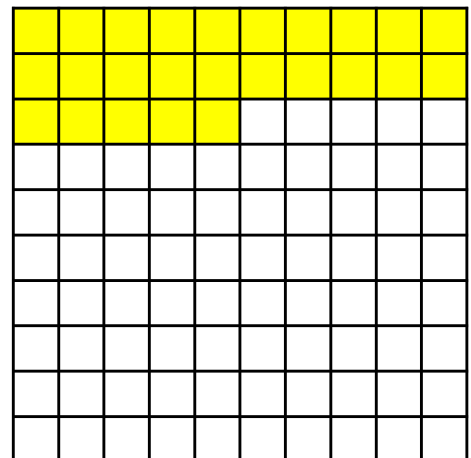


0.2

$\frac{30}{100}$

3. True or false? Explain your reasoning.

**The image shows the decimal
2.5 and the fraction $\frac{25}{100}$.**



Tuesday – Thousandths as Decimals

1. Put an 'X' next to all the numbers which are equivalent to each given fraction.

A. $\frac{130}{1000}$

0.130

0.013

1.30

0.13

B. $\frac{32}{1000}$

0.032

0.32

0.320

3.2

C. $3\frac{7}{1000}$

3.70

3.07

0.37

3.007

2. Complete each place value chart and write each mixed number as a decimal.

A. $2\frac{60}{1000}$

1s	10ths	100ths	1000ths
2	.		

B. $1\frac{5}{1000}$

1s	10ths	100ths	1000ths
1	.		

3. Correct and explain the error(s) in Hanna's work below.

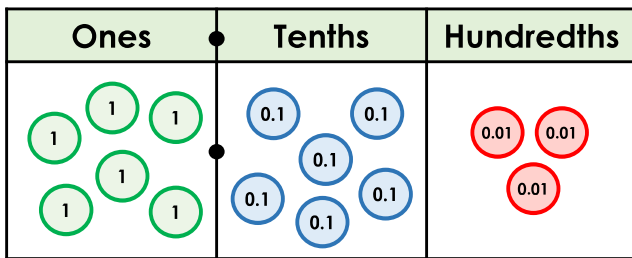


Hanna

fraction	decimal
A. $\frac{708}{1000}$	0.708
B. $3\frac{52}{1000}$	3.52
C. $1\frac{4}{1000}$	1.4

Wednesday – Rounding Decimals

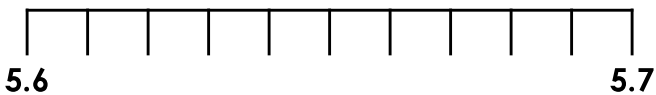
1. Round the number on the place value chart to the nearest whole number. Circle the correct answer below.



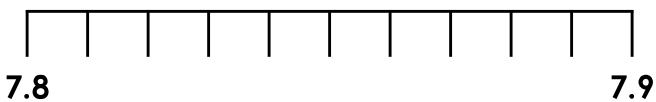
A. 6 B. 7 C. 6.6

2. True or false?

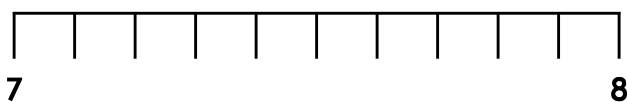
5.62 when rounded to the nearest tenth is 5.6.



3. Round 7.84 to the nearest tenth.



Round 7.84 to the nearest whole number.



4. Round these decimals to the nearest tenth and match them to the correct answer.

8.07

8.7

8.67

8.8

8.76

8.1

5. Move through the maze by circling numbers where the tenth is rounded to 4 tenths.

Start

3.36	2.56	4.29	1.09
5.42	6.39	7.49	8.65
8.48	7.38	9.44	6.33
9.62	5.04	3.37	6.41

Finish

6. I'm thinking of a number with 2 decimal places.

- The hundredth is an even number.
- The tenth is an odd number.
- When rounded to the nearest tenth, my number is 7.6.
- When rounded to the nearest whole number, my number is 8.

What could my number be?

7. Bruce is rounding 5.95.
He says,



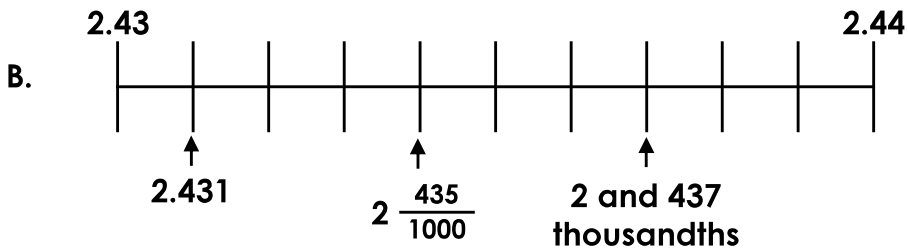
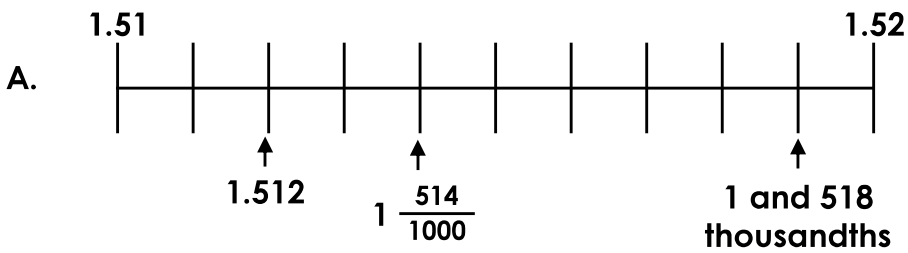
5.95 rounded to the nearest tenth is 6.

5.95 rounded to the nearest whole number is 6.

Is he correct? Prove it.

Thursday – Order and Compare Decimals

1. Circle the number which has been placed incorrectly on each number line below.



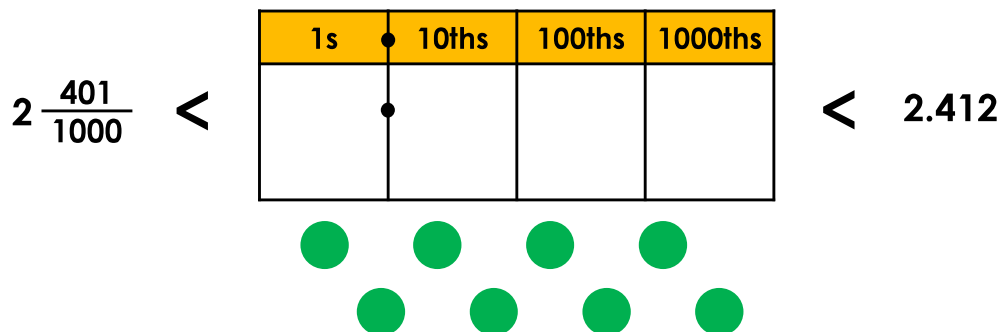
2. Moving from a smaller to a larger decimal each time, move vertically or horizontally to travel from start to finish on the grid. Shade each box you land on. You'll need to convert the fractions and whole numbers to decimals first.

Start

1.607km	$1 \frac{610}{1000}\text{km}$	$2,098\text{m}$	2.097km	$1 \frac{9}{10}\text{km}$
$1 \frac{99}{1000}\text{km}$	$1,601\text{m}$	2.112km	$2 \frac{3}{10}\text{km}$	2.299km
$2,980\text{m}$	1.399km	$2 \frac{1}{10}\text{km}$	$2,450\text{m}$	$2 \frac{501}{1000}\text{km}$

Finish

3. Using all of the counters, Polly thinks that she can make two different numbers on the place value chart below so that the comparison statement is correct.



Is she correct? Prove it.