

1 = 1.0			
$\frac{1}{2} = 0.5$		$\frac{1}{2} = 0.5$	
$\frac{1}{4} = 0.25$	$\frac{1}{4} = 0.25$	$\frac{1}{4} = 0.25$	$\frac{1}{4} = 0.25$

Name _____ Per _____

Mrs. Doolan/Math 6

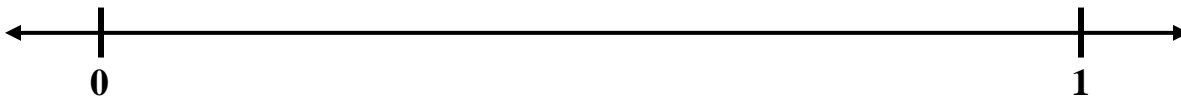
5-7 & 5-8: Converting, Comparing and Ordering Fractions & Decimals

Objective: I've learned how to convert fractions↔decimals. Now I'll learn how to compare and order them using a visual model.

Directions: Create a visual model for each of the fractions and decimals given and place each on a number line to order:

Ex #1: Order: $\frac{3}{5}$, .25, $\frac{1}{8}$, .90

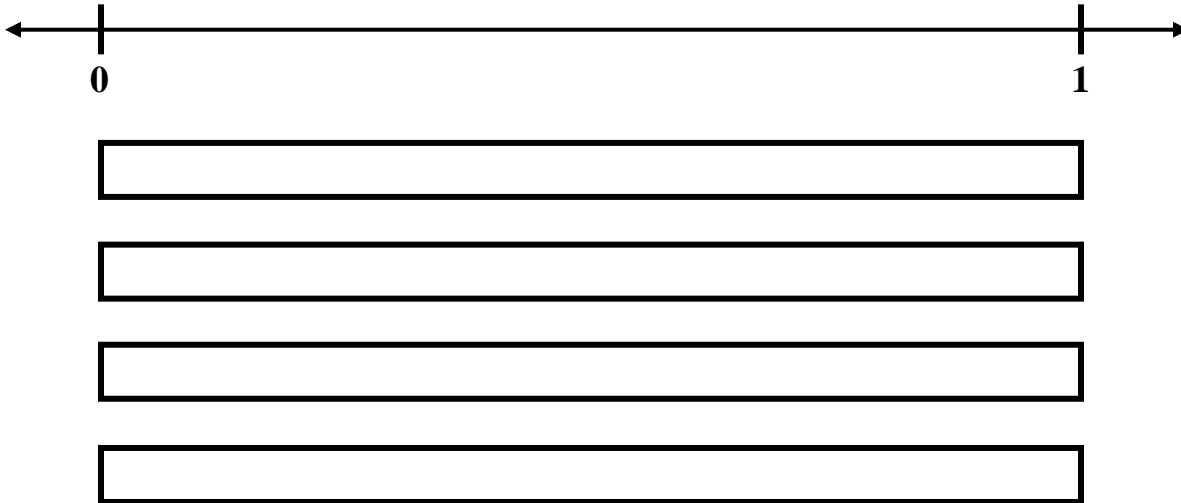
1. First, create a number line and place 0 and 1 on it;
2. Next, draw a rectangle under the number line to show each fraction or decimal given:
3. Then, place each number on the line directly above its position in the rectangle.
4. Finally, write an ordered string of the values given.



NOW, write them in order: _____

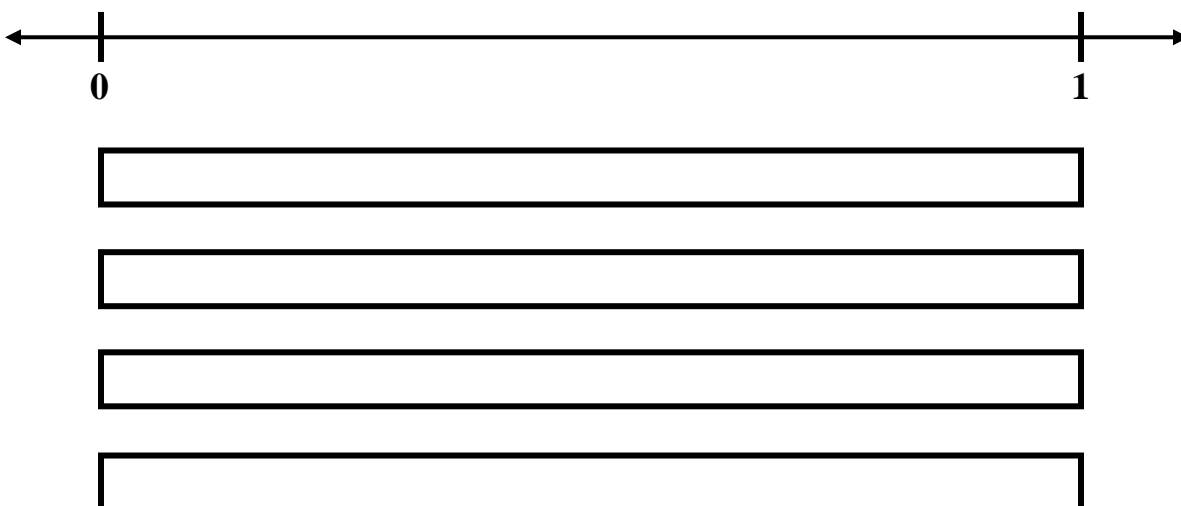
Ex #2: Order: .4, $\frac{1}{2}$, .8, $\frac{1}{3}$

1. First, create a number line and place 0 and 1 on it;
2. Next, draw a rectangle under the number line to show each fraction or decimal given:
3. Then, place each number on the line directly above its position in the rectangle.
4. Finally, write an ordered string of the values given.



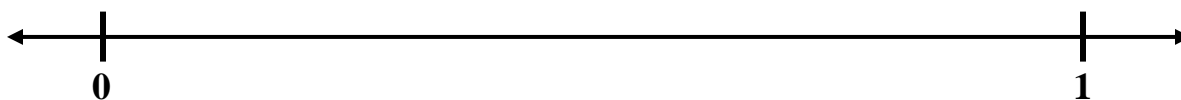
NOW, write them in order: _____

Ex #3: Order: $\frac{2}{5}$, .11, $\frac{2}{3}$, .5



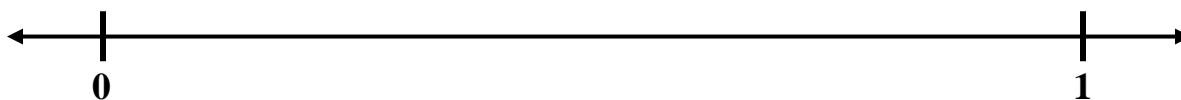
NOW, write them in order: _____

Ex #4: Order: $.35$, $\frac{3}{4}$, $.6$, $\frac{4}{5}$



NOW, write them in order: _____

Ex #5: Order: $\frac{1}{6}$, $.85$, $\frac{3}{6}$, $.35$

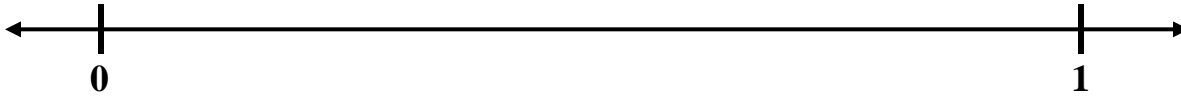


NOW, write them in order: _____

CHALLENGE: NOT REQUIRED, BUT GIVE 'EM A GRADE6 TRY!

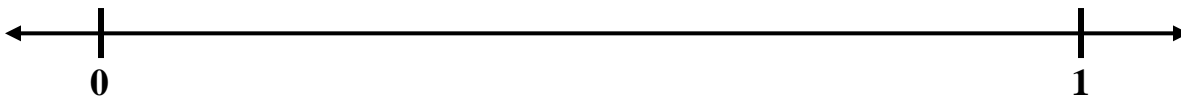


Ex #6: Order: $\frac{3}{7}$, .76, $\frac{5}{6}$, .900



NOW, write them in order: _____

Ex #7: Order: $\frac{105}{140}$, $\frac{4}{16}$, $\frac{8}{48}$, $\frac{75}{150}$



NOW, write them in order: _____