

## 6.2 Comparing Fractions, Decimals, Percents p. 222

• Compare means to use  $<$ ,  $>$ ,  $=$

• When ordering from least to greatest, always write the original form of the numbers.

• don't need to put them on a number line

(A) Circle the greatest number:

1.) 0.9, **95%**  
90%

2.) **20%**, 0.02  
2%

3.)  **$\frac{1}{3}$** , 30%  
33.3%

4.) -80%,  **$-\frac{7}{9}$**   
-77.7%

(B) Order from least to greatest: (original form of #)

1.)  $\frac{17}{25}$ , 60%, 0.062,  $\frac{13}{20}$   
0.680    0.600    0.062    0.650  
④    ②    ①    ③

0.062, 60%,  $\frac{13}{20}$ ,  $\frac{17}{25}$

2.)  $\frac{3}{100}$ ,  $\frac{1}{20}$ , 0.33,  $\frac{1}{3}$   
0.030    0.350    0.330    0.333  
①    ④    ②    ③

$\frac{3}{100}$ , 0.33,  $\frac{1}{3}$ ,  $\frac{1}{20}$

3.)  $-\frac{2}{3}$ ,  $-\frac{6}{10}$ , -0.66,  $-\frac{4}{5}$   
-0.666    -0.600    -0.660    -0.800  
②    ④    ③    ①

$-\frac{4}{5}$ ,  $-\frac{2}{3}$ , -0.66,  $-\frac{6}{10}$

4.) -0.3, 3, 0.3,  $-\frac{1}{3}$   
-0.30    3.0    0.3    -0.33  
②    ④    ③    ①

$-\frac{1}{3}$ , -0.3, 0.3, 3

5.) 3.5,  $\frac{15}{4}$ ,  $\frac{15}{5}$ , 3.05

$\frac{15}{5}$ , 3.05, 3.5,  $\frac{15}{4}$

© Compare:  $<$ ,  $>$ ,  $=$

$$1.) \frac{5}{9} > 0.5$$

$0.\bar{5}5$        $0.50$

$$2.) 0.12 = 12\%$$

$$3.) -\frac{1}{5} < -\frac{1}{6}$$

$-0.20$        $-0.\bar{1}6$

$$4.) 0.\bar{4} > 0.4$$

$0.44$        $0.40$

$$5.) \frac{1}{3} > 33\%$$

$0.333$        $0.330$

$$6.) -0.75 < -\frac{2}{3}$$

$-0.75$        $-0.\bar{6}6$

$$7.) 25\% > \frac{2}{9}$$

$25\%$        $22.\bar{2}\%$

$$8.) -140\% < -0.14$$