

**Comparing and Ordering Rational & Irrational Numbers**

A) Compare the numbers using  $>$ ,  $<$ , or  $=$ .

1)  $-7\frac{1}{2}$   4.19802      2)  $\sqrt{25}$    $-6.3482$

3)  $8$    $\sqrt{64}$    $\sqrt[3]{8}$    
 5)  $-1\frac{1}{5}$   0.651  6)  $-10$   1.182

7) 3.242   $\frac{2}{2}$

9)  $-2\frac{4}{4}$    $-1\frac{2}{3}$   10)  $\frac{5}{2}$   2

B) Write the following in order from least to greatest.

1)  $-4, \sqrt{5}, -\frac{7}{4}, \frac{1}{2}$   
 2)  $-3\frac{1}{2}, 1.00, \frac{1}{2}, 0.00$

C) Write the numbers in order from least to greatest.

1)  $3, \pi, -\frac{10}{5}, \frac{1}{2}$   
 2)  $\sqrt[3]{8}, 1.5, \frac{5}{4}, 1.4141, -8$

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