

< less than > greater than HW- 9/11

Comparing and Ordering Rational Numbers

Name _____

Fill in each blank with $<$, $>$, or $=$ to make each sentence true.

1. $\frac{2}{3}$ ___ $\frac{5}{8}$

2. 0.03 $>$ 0.003

3. 1.1 ___ $\sqrt{2}$

4. $\frac{2}{5}$ $<$ 0.44

5. -2.75 $<$ -2.50

6. $-3/4$ ___ -0.75

Write the numbers in order from least to greatest.

7. $\frac{3}{8}$, $\frac{1}{4}$, $\frac{7}{8}$

8. 0.44 , $3/8$, 0.5 , $2/5$

9. 0.2 , $4/15$, 0.21 , $1/4$

10. $\sqrt{5}$, -2.1 , 0.5 , -0.5 , $\frac{5}{100}$

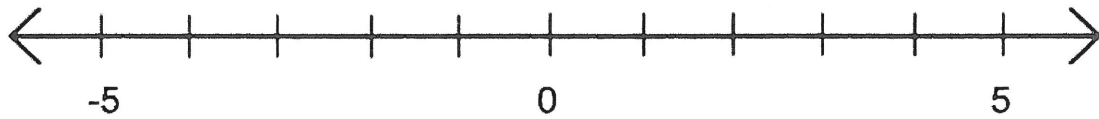
11. -10 , 2 , $-\sqrt{3}$, -0.5 , $\frac{5}{16}$

12. 4^2 , $\sqrt{15}$, $-\frac{5}{2}$, $-2\frac{1}{3}$, $\frac{1}{16}$

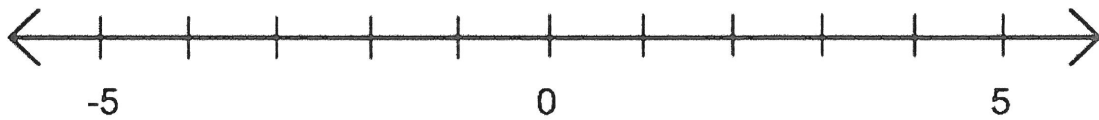
13. 4.12 , $\sqrt{16}$, -4 , $\frac{9}{2}$, $-\frac{17}{4}$

#14-18: Put the following numbers on the number lines given.

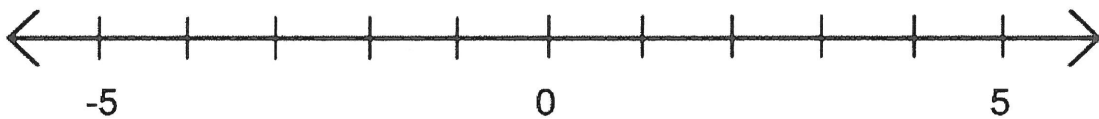
14. -5, 2, -5.5, 3,



15. $\frac{3}{2}$, 2^2 , $\sqrt{2}$, 2.2, -2



16. $-\frac{3}{4}$, 0, -3, 0.75, -1.8, -3.5



17. $1\frac{3}{7}$, 2.5, $-\sqrt{9}$, 3.5, -2.2, $-4\frac{5}{9}$, $-\frac{30}{6}$

