

Comparing and Ordering Rational Numbers

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

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

2. $-\frac{3}{4}$ ___ -0.75

3. 1.1 ___ 1.05

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

Write the numbers in order from least to greatest.

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

6. 0.44 , $\frac{3}{8}$, 0.5 , $\frac{2}{5}$

7. 0.2 , $\frac{4}{15}$, 0.21 , $\frac{1}{4}$

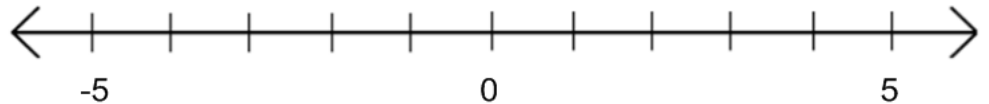
8. -2.1 , 0.5 , -0.5 , $\frac{5}{100}$

9. -10 , 2 , -0.5 , $\frac{5}{16}$

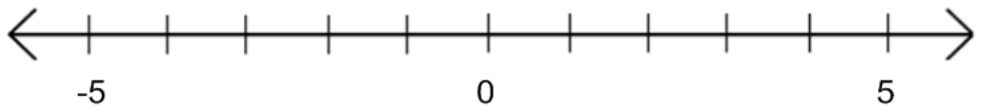
10. 4^2 , $-\frac{5}{2}$, $-2\frac{1}{3}$, $\frac{1}{16}$

Plot the following numbers on the number lines.

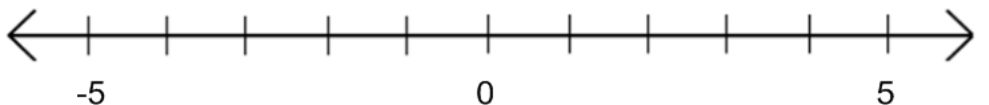
11. -5 , 2 , -5.5 , 3 , $-\frac{1}{3}$



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



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



14. $1\frac{3}{7}$, 2.5 , 3.5 , -2.2 , $-4\frac{5}{9}$, $-\frac{30}{6}$

