

## 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.  $1.1$  \_\_\_\_\_  $1.05$

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

5.  $-2.75$  \_\_\_\_\_  $-2.5$

6.  $-\frac{3}{4}$  \_\_\_\_\_  $-0.75$

Write the numbers in order from least to greatest.

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

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

9.  $0.2$ ,  $\frac{4}{15}$ ,  $0.21$ ,  $\frac{1}{4}$

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

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

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

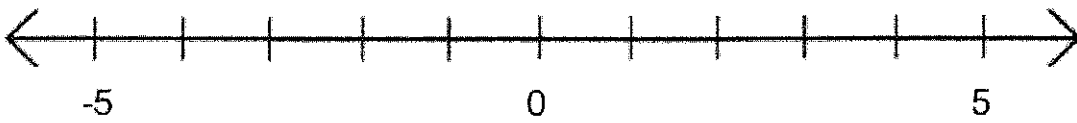
13.  $4.12$ ,  $-4$ ,  $\frac{9}{2}$ ,  $-\frac{17}{4}$

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

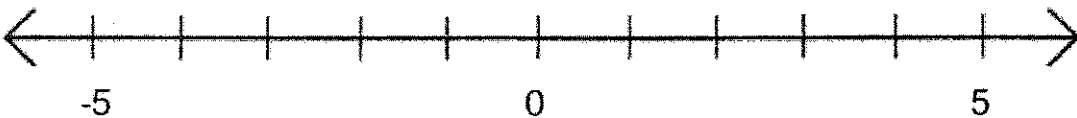
14. -5, 2, -5.5, 3,



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



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



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

