

Comparing and Ordering Rational Numbers Worksheet

Complete the statement using < or >.

1. $-\frac{5}{6}$ _____ $-\frac{1}{6}$

2. -0.67 _____ -0.6

3. $-2\frac{1}{2}$ _____ $-1\frac{1}{2}$

4. -5.5 _____ -5.55

5. $\frac{7}{10}$ _____ $\frac{13}{20}$

6. -1.4 _____ 1.6

Order the numbers from least to greatest.

7. $\frac{3}{4}, \frac{5}{6}, \frac{2}{3}, 0, 1$ _____

8. $-\frac{4}{5}, -\frac{2}{3}, -2, 0$ _____

9. $-3\frac{5}{7}, -2\frac{3}{7}, -2\frac{1}{7}, -3\frac{3}{7}, -3$ _____

10. $-4\frac{3}{5}, -4\frac{2}{5}, -5, -4\frac{3}{10}$ _____

11. $0.6, 0.25, 0.9, 0.2$ _____

12. $0.5, -2.34, -2.5, -5.3$ _____

Name: _____ Hour: _____

13. $-53.2, -53.25, -53.1, -53.45$ _____

14. $-0.4, 0.5, 0.33, -0.48, 0$ _____

Change all of the rational numbers to decimals. Then, order from least to greatest.

15. $0.2, \frac{3}{4}, 0.8, \frac{1}{2}, \frac{1}{4}$ _____

16. $0.85, \frac{3}{5}, 0.15, \frac{7}{10}$ _____

17. Five friends completed a triathlon that included a 3-mile run, a 12-mile bike ride, and a $\frac{1}{2}$ mile swim. To compare their running times, they created a table that shows the difference between each person's time and the average time, with negative numbers representing times less than average. **Order the running times from greatest to least.**

Runner	John	Sue	Anna	Mike	Tom
Time above or below average (<i>minutes</i>)	$\frac{1}{2}$	1.4	-1.25	-2	1.95

18. To compare bike times, the friends created a table that shows the difference between each person's times and the average bike time. **Order the bike times from least to greatest.**

Biker	John	Sue	Anna	Mike	Tom
Time above or below average (<i>minutes</i>)	-1.8	1	1.4	$1\frac{9}{10}$	-1.25