

# Lesson 5 Homework Practice

## Compare and Order Rational Numbers

Fill in ● with  $<$ ,  $>$ , or  $=$  to make a true statement.

1.  $-4\frac{4}{25}$  ●  $-4.12$

2.  $7.6$  ●  $-8.5$

3.  $\frac{8}{11}$  ●  $-\frac{1}{3}$

4.  $-\frac{7}{9}$  ●  $-\frac{5}{8}$

5.  $-3.72$  ●  $-3\frac{9}{10}$

6.  $-19.3$  ●  $-19.03$

7.  $-2.87$  ●  $2.93$

8.  $-\frac{6}{7}$  ●  $-6.7$

9.  $-24.7$  ●  $-24\frac{7}{10}$

10.  $-12\frac{14}{15}$  ●  $-13$

11.  $-1.4$  ●  $\frac{3}{4}$

12.  $-31\frac{3}{7}$  ●  $-31.1$

Order the following sets of numbers from least to greatest.

13.  $\{43.18, -43\frac{1}{4}, -43.3, 43\frac{4}{5}\}$

14.  $\{1\frac{1}{5}, -1.23, -1\frac{1}{6}, 1.14\}$

15.  $\{13.7, 13\frac{7}{100}, -13\frac{17}{100}, -13.2\}$

16.  $\{6\frac{2}{3}, -6\frac{1}{4}, -6.3, 6.04\}$

17. **SUBMARINE** A submarine's depth levels are recorded in the table at the right. Order the numbers from least to greatest.

Depth
$-4.3$
$-82.5$
$-41\frac{4}{5}$
$-13\frac{1}{8}$

18. **GOALS** A runner wants to run the 100-meter dash in 13 seconds or less. The table shows the difference between his goal and his actual times. Order the differences from least to greatest.

Race	Differences Between Goal and Actual Time (s)
1	$-1.2$
2	$2\frac{1}{8}$
3	$-\frac{2}{3}$
4	$1.1$