

Compare/Convert Practice Worksheet**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

_____ 1. Which set of rational numbers is arranged from greatest to least?

a. $-\frac{6}{5}, -\frac{1}{2}, 0, \frac{1}{9}, 0.6, 1.0$

c. $-3.25, \frac{1}{8}, \frac{7}{5}, 0.5, \frac{1}{3}, \frac{5}{6}$

b. $-1.375, \frac{3}{8}, \frac{1}{2}, 0.9, -\frac{1}{10}, -0.7$

d. $\frac{9}{8}, \frac{7}{6}, -\frac{5}{12}, -1.1, -\frac{10}{5}, -3.6$

_____ 2. Which set of integers is arranged from least to greatest?

a. $-3, +3, -2, +2, -1, +1$

c. $7, -5, -1, 0, +3, +4$

b. $+4, +2, +1, -4, -7$

d. $0, +4, -5, +6, -7$

Short Answer

3. Write the following rational numbers in order from greatest to least:

$\frac{19}{25}, 0.33, \frac{14}{20}, 0.5$

4. Write the following rational numbers in descending order: (Greatest to Least)

$0.375, \frac{3}{16}, 0.063, \frac{5}{8}, 0.125$

5. Write the following rational numbers in order from greatest to least:

$\frac{5}{6}, 0.121, \frac{8}{9}, 7, \frac{11}{12}$

6. Write the following rational numbers in ascending order: (Least to greatest)

$\frac{3}{4}, \frac{13}{17}, 0.888, \frac{11}{15}, 777$

7. Write the following rational numbers in order from smallest to largest:

$\frac{3}{6}, 0.834, \frac{12}{18}, \frac{4}{18}, 0.522$

8. Identify the largest rational number and the smallest rational number in the following set of numbers:

$$0.84, \frac{1}{2}, \frac{3}{4}, 1.2\overline{5}, \frac{4}{6}$$

9. Write the following rational numbers in order from greatest to least:

$$-\frac{7}{9}, 0.31\overline{3}, \frac{9}{24}, \frac{3}{4}, 0.88$$

10. Write the following rational numbers from smallest to largest?

$$-\frac{8}{9}, \frac{10}{15}, 0.790, \frac{7}{9}, 1.25$$

11. DNA content in a cell is measured in picograms (pg). A sea star cell has $\frac{17}{20}$ pg of DNA, a scallop cell has $\frac{3}{20}$ pg, a red water mite cell has 0.19 pg, and a mosquito cell has 0.24 pg. Order the DNA contents from greatest to least.

12. Gary's batting average was .214. Kelly got hits 2 out of the 6 times she was up to bat. Larry's average was .350. Kyle got up to bat 5 times and got only 1 hit. Put the players in order from highest batting average to lowest.

13. Coopersville Middle School is holding a fundraiser. The 6th graders have raised 0.52 of their goal amount. The 7th and 8th graders have raised 0.57 and $\frac{2}{5}$ of their goal amounts, respectively. List the classes in order from least to greatest of their goal amounts.