

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

Short Answer

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

$$\frac{19}{25}, 0.33, \frac{14}{20}, \frac{1}{5}$$

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

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

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:

$$0.84, \frac{1}{2}, \frac{3}{4}, 1.257, \frac{4}{6}$$

The largest is _____

The smallest is _____

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

$$0.12, 0.29, -\frac{1}{2}, 0.18$$

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.