

Comparing and Ordering Rational & Irrational Numbers

A) Compare the numbers using $>$, $<$, or $=$.

1) $\frac{3}{4}$ $-\sqrt{3}$

2) $\sqrt{5}$ 2.5

3) 4.21 $\sqrt{20}$

5) 2π

6) $\sqrt[3]{8}$

7) $-\sqrt{7}$

9) $\frac{5}{8}$ $-\sqrt{7}$

10) 7.06 9

B) Write the following numbers in order from least to greatest.

1) -1.5, $\sqrt{2}$, -2, $\sqrt[3]{8}$

2) 5, $\sqrt[3]{27}$, -9.121, $-\sqrt{16}$

C) Write the following numbers in order from least to greatest.

1) -2, $-\sqrt{16}$, $\frac{1}{5}$, $\frac{1}{6}$

2) 3.505, $-\frac{1}{2}$, $\sqrt{10}$, -7.012, -9

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