

Comparing and Ordering Real Numbers Worksheet

Write the numbers in ascending order.

1) $0, -\sqrt{2}, \sqrt{5}, \frac{13}{4}$

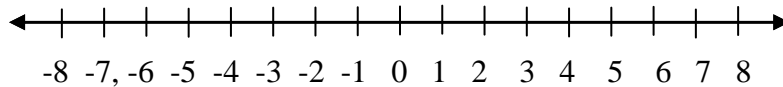
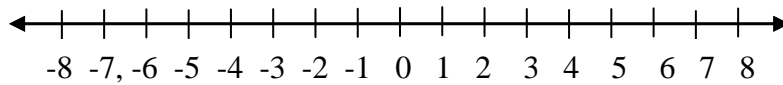
2) $3, \sqrt{10}, \frac{3}{4}, -1.5$

3) $2, -\frac{3}{7}, 0.75, -\frac{3}{2}$

4) Which list shows the numbers in increasing order?

A) $-0.5, 1.5, -2, -0.75, \sqrt{7}$ B) $-0.5, -2, -0.75, 1.5, \sqrt{7}$

C) $-2, -0.75, -0.5, 1.5, \sqrt{7}$ D) $\sqrt{7}, 1.5, -0.5, -0.75, -2$

5) Graph the numbers $-0.2, \frac{7}{10}, -1, \sqrt{2}$, and -4 on a number line.6) Graph the numbers $-\frac{3}{4}, 5, \frac{9}{2}, -2$, and -1 on a number line.7) Graph the numbers $-3, \frac{5}{2}, 2, -\frac{9}{4}$, and 4 on a number line.