

Comparing Real Numbers

Name all sets that the number belongs to ...

① $\sqrt{3}$

② $0.32\bar{1}$

③ 0

④ -1

⑤ $\frac{1}{5}$

⑥ 4

Order the set of numbers from least to greatest

⑦ $\left\{ \frac{5}{4}, \frac{2}{3}, 3, \sqrt{5} \right\}$

⑧ $\left\{ -1.5, -\sqrt{10}, -\sqrt{4}, -\frac{5}{2} \right\}$

Answers:

① irrational, real

② rational, real

③ whole, integer, rational, real

④ integer, rational, real

⑤ rational, real

⑥ natural, whole, integer, rational, real

⑦ $\left\{ \frac{2}{3}, \frac{5}{4}, \sqrt{5}, 3 \right\}$

⑧ $\left\{ -\sqrt{10}, -\frac{5}{2}, -\sqrt{4}, -1.5 \right\}$