


Practice 1.4



Use a calculator. Compare each pair of real numbers using either $<$ or $>$.

- 1 $\sqrt{18}$ and $\sqrt{19}$
- 2 -2.23 and $-\sqrt{5}$
- 3 6.1640 and $\sqrt{38}$
- 4 -87.09812 and $-87.098126\dots$

Use the irrational numbers below for questions 5 to 7.

- 5  Find the absolute value of each irrational number with 3 decimal places.
- 6 Graph each irrational number on a real number line.
- 7 Order the irrational numbers from greatest to least using the symbol $>$.

Use the real numbers below for questions 8 and 9.

$\sqrt{10}$, $\sqrt{100}$, $\sqrt{1,000}$, $\sqrt{10,000}$, $\sqrt[3]{27}$, $\sqrt{25}$, $\sqrt[3]{64}$, $\sqrt[3]{125}$, $-\sqrt{8}$, $\sqrt[3]{8}$

- 8 Copy and complete the table using the real numbers above.

Rational Numbers	Irrational Numbers
?	?

- 9 Order the real numbers from least to greatest using the symbol $<$.