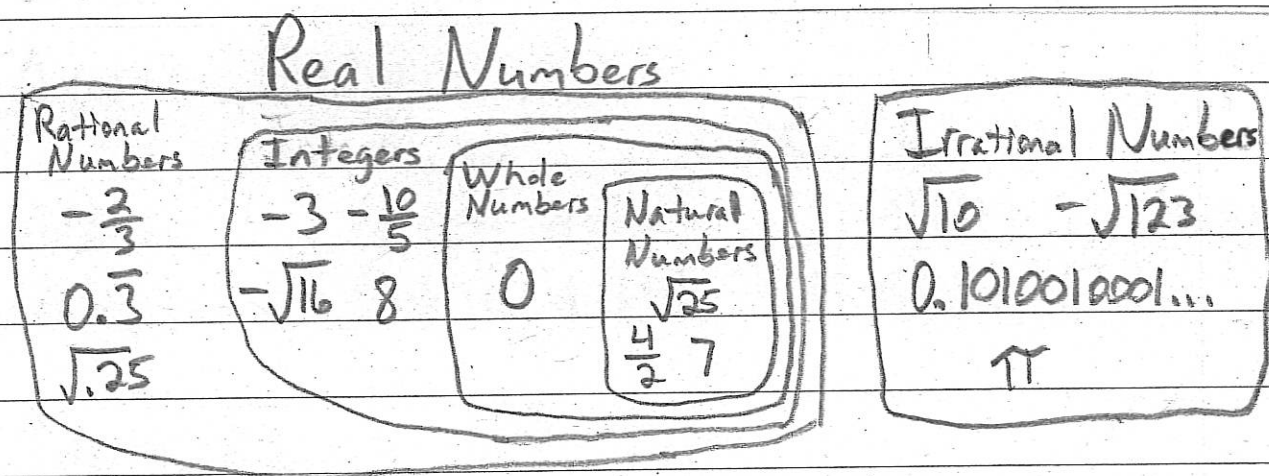


Real Numbers

Simplify each expression.

$$1) \sqrt{144} = \boxed{12}$$

$$2) \sqrt{\frac{16}{225}} = \frac{\sqrt{16}}{\sqrt{225}} = \boxed{\frac{4}{15}}$$



Inequality Symbols

$<$, less than

$\leq$, less than or equal to

$>$, greater than

$\geq$, greater than or equal to

Compare the numbers using an inequality symbol.

$$3) \sqrt{52} \text{ and } 7\frac{1}{4}$$

$$\sqrt{52} = 7.211102551\dots$$

$$7\frac{1}{4} = 7.25$$

$$\boxed{\sqrt{52} < 7\frac{1}{4}}$$