



Number Types (Real) - Set Builder Definition to Number - Whole, Natural, Integer, Rational, Irrational Numbers

1 Which number would be included in this set definition

$$\{x \mid x \in \mathbb{Q}\}$$

A $\sqrt{61}$

B $\sqrt{71}$

C $-\frac{2}{5}$

2 Which number would be included in this set definition

$$\{x \mid x \in \mathbb{N}\}$$

A 12

B $\frac{8}{13}$

C $-\frac{3}{6}$

3 Which number would be included in this set definition

$$\{x \mid x \in \mathbb{R}, x \notin \mathbb{Q}\}$$

A 1

B $-\frac{3}{8}$

C $\sqrt{31}$

4 Which number would be included in this set definition

$$\{x \mid x \in \mathbb{W}\}$$

A 0

B $\frac{2}{3}$

C $\sqrt{53}$