



## Number Types (Real) - Number to Description - Whole, Natural, Integer, Rational, Irrational Numbers

1 Select the narrowest description that matches this number type

$$\sqrt{7}$$

A A non-negative integer (0, 1, 2, 3, ...).

B Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

C A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

D A positive integer (1, 2, 3, ...).

Select the narrowest description that matches this number type

$$\sqrt{3}$$

A A positive integer (1, 2, 3, ...).

B A non-negative integer (0, 1, 2, 3, ...).

C A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

D Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

3 Select the narrowest description that matches this number type

$$-\frac{3}{4}$$

A A positive integer (1, 2, 3, ...).

B A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

C A non-negative integer (0, 1, 2, 3, ...).

D Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

4 Select the narrowest description that matches this number type

$$\sqrt{83}$$

A A non-negative integer (0, 1, 2, 3, ...).

B A positive integer (1, 2, 3, ...).

C A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

D Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

5 Select the narrowest description that matches this number type

$$0$$

A A non-negative integer (0, 1, 2, 3, ...).

B A positive integer (1, 2, 3, ...).

C A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

6 Select the narrowest description that matches this number type

$$-\frac{1}{7}$$

A A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

B A non-negative integer (0, 1, 2, 3, ...).

C A positive integer (1, 2, 3, ...).

D Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

7 Select the narrowest description that matches this number type

$$\frac{3}{9}$$

A A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

B A positive integer (1, 2, 3, ...).

C Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).

D A non-negative integer (0, 1, 2, 3, ...).

8 Select the narrowest description that matches this number type

$$-\frac{5}{6}$$

A A positive integer (1, 2, 3, ...).

B A number that cannot be expressed as a simple fraction (e.g.,  $\sqrt{2}$ ,  $\pi$ ).

C A non-negative integer (0, 1, 2, 3, ...).

D Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).