Name

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

1 Select the narrowest description that matches this number type

$$\frac{\sqrt{71}}{5}$$

A. A non-negative integer (0, 1, 2, 3, ...).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).
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).

2 Select the narrowest description that matches this number type

$$\frac{\sqrt{5}}{8}$$

A. Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).
B. A non-negative integer (0, 1, 2, 3, ...).
C. A number that cannot be expressed as a simple fraction (e.g., √2, π).
D. A positive integer (1, 2, 3, ...).

3 Select the narrowest description that matches this number type

$$\frac{28}{7}$$

A. A positive integer (1, 2, 3, ...).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).

4 Select the narrowest description that matches this number type

$$-1.\overline{10}$$

A. A non-negative integer (0, 1, 2, 3, ...).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).
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).

5 Select the narrowest description that matches this number type

$$\frac{\sqrt{23}}{3}$$

A. A positive integer (1, 2, 3, ...).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).
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).

6 Select the narrowest description that matches this number type

$$-12.\overline{14}$$

A. A number that cannot be expressed as a simple fraction (e.g., √2, π).
B. Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).
C. A non-negative integer (0, 1, 2, 3, ...).
D. A positive integer (1, 2, 3, ...).

7 Select the narrowest description that matches this number type

$$\sqrt{\frac{32}{2}}$$

A. A positive integer (1, 2, 3, ...).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).

8 Select the narrowest description that matches this number type

$$0.\overline{10}$$

A. Any number that can be expressed as a fraction of two integers (e.g., 1/2, -3/4, 5).
B. A number that cannot be expressed as a simple fraction (e.g., √2, π).
C. A positive integer (1, 2, 3, ...).
D. A non-negative integer (0, 1, 2, 3, ...).