

## Distinguish rational and irrational numbers

1 Which number is between 4 and 5?

A  $2.\bar{5}$

B 4.34

C 5.8

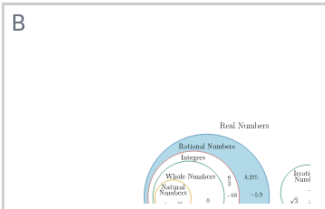
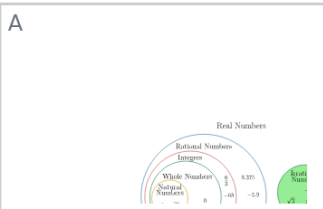
2 Select the number type that matches this description

**Any number that can be found on the number line, including both rational and irrational numbers.**

|   |                 |
|---|-----------------|
| A | Natural Number  |
| B | Rational Number |
| C | Real Number     |
| D | Whole Number    |

3 Select the grouping that matches this description

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



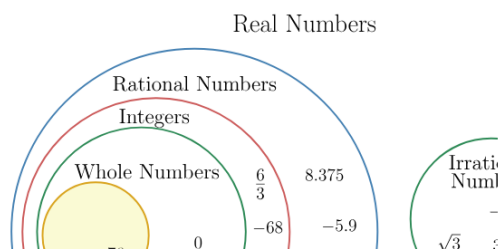
4 Select the number that matches this description

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

A  $\frac{\sqrt{67}}{5}$

B  $0.\bar{8}$

5 Select the number that would go in this grouping



A  $\frac{\sqrt{89}}{7}$

B  $\frac{15}{5}$

C  $\frac{0}{11}$

