

23. Which of the following is an irrational number?

A. $|-1.9|$

B. 0

C. $\frac{1}{7}$

D. 0.3

→ E. $\sqrt{6}$

E

$$\sqrt{6} = \sqrt{3}\sqrt{2}$$

SQUARE Roots of all Prime Numbers are irrational

Two irrationals multiplied will produce another irrational

45. Which of the following is a rational number?

A. $\sqrt{2}$

B. $\sqrt{\pi}$

C. $\sqrt{7}$

D. $\sqrt{\frac{5}{25}}$

E. $\sqrt{\frac{64}{49}}$