

Course 2 A Pg. 33 #1-12, 16, 18

Locate each positive irrational number on the number line using rational approximation.

First tell which two whole numbers the square root is between.

①  $\sqrt{3}$

②  $\sqrt{7}$

③  $\sqrt{11}$

④  $\sqrt{26}$

⑤  $\sqrt{34}$

⑥  $\sqrt{48}$

Locate each negative irrational number on the number line. First tell which two integers the square root is between.

⑦  $-\sqrt{5}$

⑧  $-\sqrt{6}$

⑨  $-\sqrt{17}$

⑩  $-\sqrt{26}$

⑪  $-\sqrt{53}$

⑫  $-\sqrt{80}$

Locate each irrational number on the number line using rational approximations.

⑬  $\sqrt{101}$

⑭  $\sqrt{2,255}$