



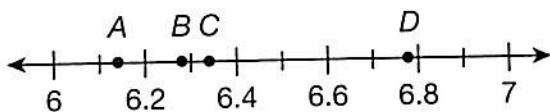
★ DO NOW ★

Lesson Practice • Part 1

Choose the correct answer.

- Which is the best estimate of the value of $3\sqrt{8}$?
 - 2.4
 - 6.3
 - 7.9
 - 8.5

- Which point on the number line is closest to the value of 2π ?



- point A
 - point B
 - point C
 - point D
- Which is the best estimate of the value of $\frac{11}{3} + \sqrt{11}$?
 - 6
 - 7
 - 7.3
 - 14.7

- Which is closest to the value of $5\sqrt{15}$?
 - 19.4
 - 19.0
 - 8.8
 - 4.5

- Which is closest to the value of $\frac{\sqrt{78}}{4}$?
 - 4.8
 - 2.4
 - 2.2
 - 1.95

- Which is closest to the value of $\sqrt{90} - \frac{4}{11}$?
 - 7.8
 - 8.9
 - 9.1
 - 9.5

- Which is closest to the value of $\frac{\sqrt{19}}{\sqrt{5}}$?
 - 2.0
 - 3.8
 - 4.0
 - 9.5

- Which is the best estimate of the value of π^3 ?
 - 9.4
 - 27.8
 - 31.0
 - 97.2

9. Circle the number that makes each approximation true.

$$5\sqrt{3} \approx \begin{array}{|c|} \hline 1.7 \\ \hline 5.7 \\ \hline 8.7 \\ \hline \end{array}$$

$$2\sqrt{\frac{2}{4}} \approx \begin{array}{|c|} \hline 0.4 \\ \hline 0.5 \\ \hline 1.4 \\ \hline \end{array}$$

10. Draw a line from each expression to its decimal approximation.

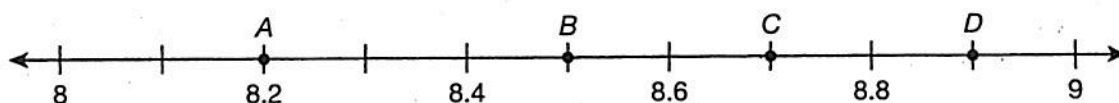
A. $\pi + \sqrt{11}$ • • 3.6

B. $\sqrt{19} - \frac{3}{4}$ • • 5.1

C. $\pi^2 + \sqrt{2}$ • • 6.5

D. $\sqrt{21} + \frac{1}{2}$ • • 11.3

11. Select True or False for each sentence.



A. Point A approximates $2\sqrt{17}$. True False

B. Point B approximates $3\sqrt{8}$. True False

C. Point C approximates $\sqrt{7} + \frac{23}{4}$. True False

D. Point D approximates 3π . True False