

Do Now



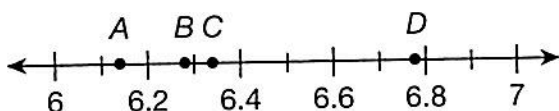
Lesson Practice • Part 1

Choose the correct answer.

1. Which is the best estimate of the value of $3\sqrt{8}$?

A. 2.4
 B. 6.3
 C. 7.9
 D. 8.5

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



A. point A
 B. point B
 C. point C
 D. point D

3. Which is the best estimate of the value of $\frac{11}{3} + \sqrt{11}$?

A. 6
 B. 7
 C. 7.3
 D. 14.7

4. Which is closest to the value of $5\sqrt{15}$?

A. 19.4
 B. 19.0
 C. 8.8
 D. 4.5

5. Which is closest to the value of $\frac{\sqrt{78}}{4}$?

A. 4.8
 B. 2.4
 C. 2.2
 D. 1.95

Can't use

(A) button

button

Must close the () or dividing the 2 14

6. Which is closest to the value of $\sqrt{90} - \frac{4}{11}$?

A. 7.8
 B. 8.9
 C. 9.1
 D. 9.5

7. Which is closest to the value of $\frac{\sqrt{19}}{\sqrt{5}}$?

A. 2.0
 B. 3.8
 C. 4.0
 D. 9.5

Can't use

(A) button

button

8. Which is the best estimate of the value of π^3 ?

A. 9.4
 B. 27.8
 C. 31.0
 D. 97.2

(11) (3)

10. Circle the number that makes each approximation true.

$5\sqrt{3} \approx$

1.7
5.7
8.7

(The number 8.7 is circled in the original image.)

$2\sqrt{\frac{2}{4}} \approx$

0.4
0.5
1.4

(The number 1.4 is circled in the original image.)

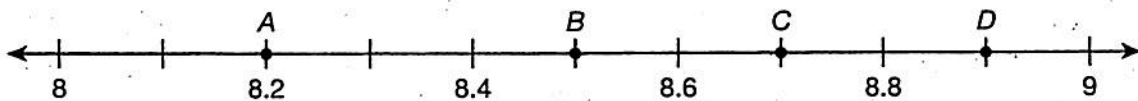
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14. Draw a line from each expression to its decimal approximation.

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

(Hand-drawn lines connect A to 11.3, B to 6.5, C to 5.1, and D to 3.6.)

12. Select True or False for each sentence.



- | | |
|---|---|
| A. Point A approximates $2\sqrt{17}$. | <input checked="" type="radio"/> True <input type="radio"/> False |
| B. Point B approximates $3\sqrt{8}$. | <input checked="" type="radio"/> True <input type="radio"/> False |
| C. Point C approximates $\sqrt{7} + \frac{23}{4}$. | <input type="radio"/> True <input checked="" type="radio"/> False |
| D. Point D approximates 3π . | <input type="radio"/> True <input checked="" type="radio"/> False |