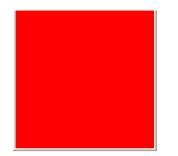


The area of the square above is 81 cm². What is the length of one side of the square?

- **A.** 9 cm
- **B.** 81 cm
- C. 5 cm
- **D.** 4.5 cm



The length of one of the sides of the square above is 12 cm. What is the area of the square?

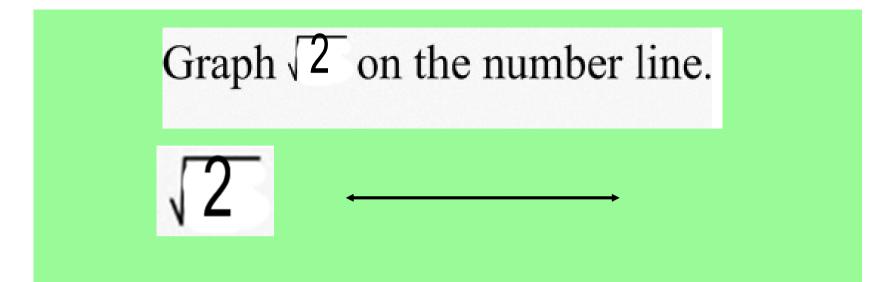
- **A.** 49 cm²
- **B.** 144 cm²
- $\mathbf{C}.\ 100\ \mathrm{cm}^2$
- **D.** 24 cm²
- E. 36 cm^2

Graph √18 on the number line. Wait!!! Is 18 a perfect square?



So, what two integers does the square root of 18 fall between?

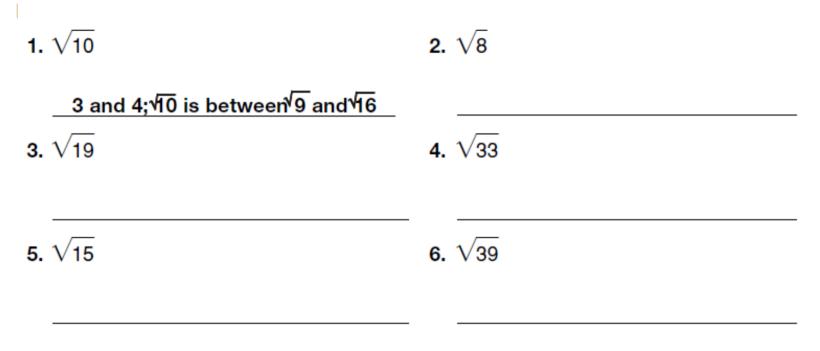
Which is it closer to (this is important for later)?

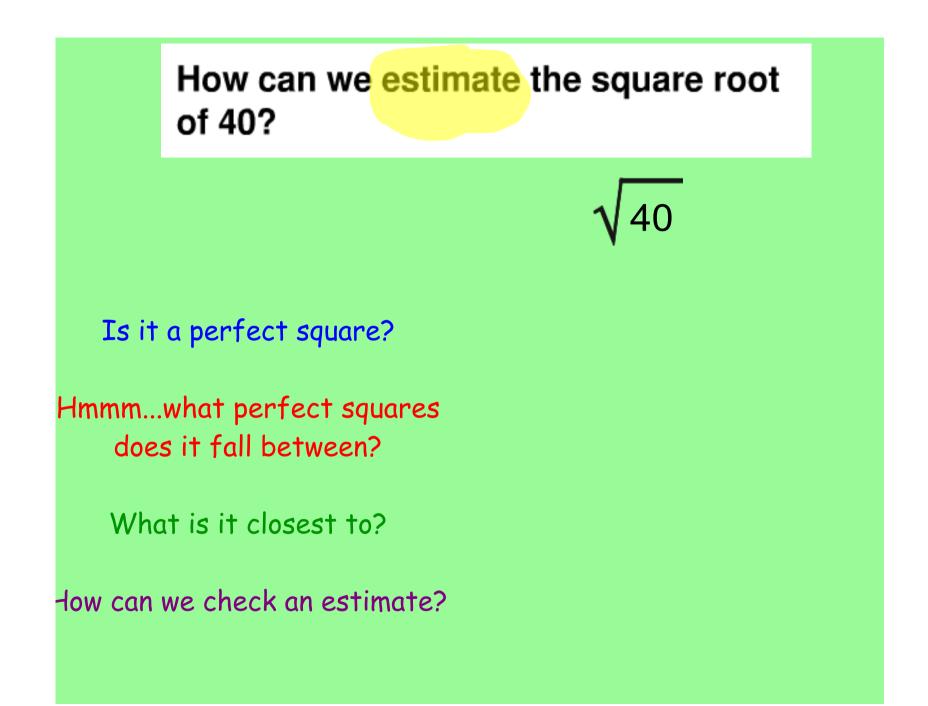


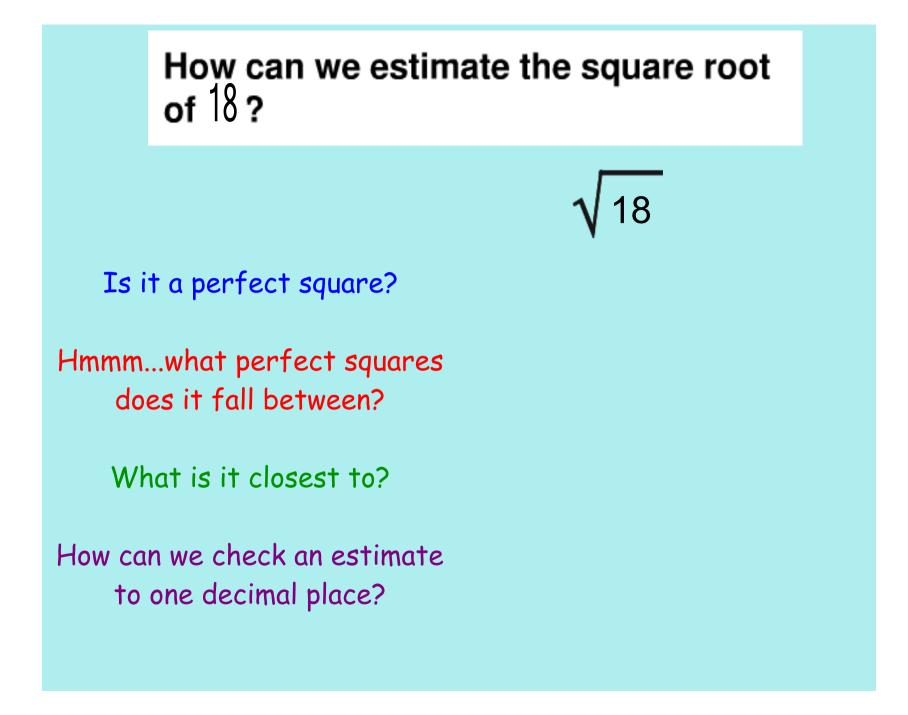
So, what two integers does the square root of 2fall between?

Which is it closer to (this is important for later)?

Each square root is between two integers. Name the integers.

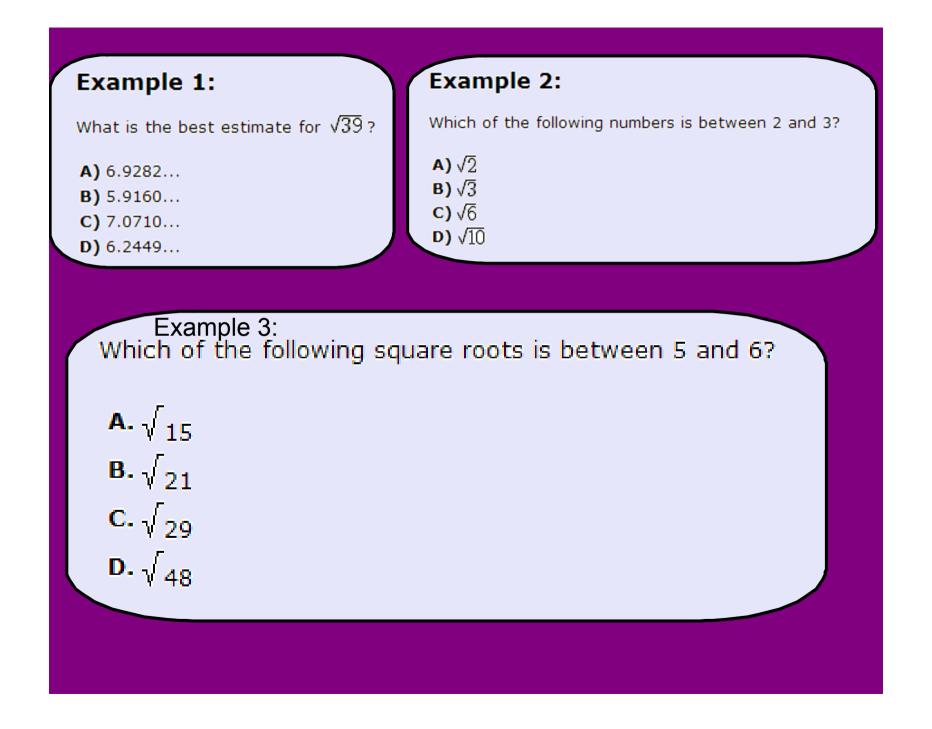






Use your number line to find each value. Round to the nearest tenth. The first one is done for you.

7. $\sqrt{12}$	3.5 <u>x 3.5</u>	8. √18	9. $\sqrt{7}$
	175		
	+1050		
3.5	<u>+1050</u> 12.25		

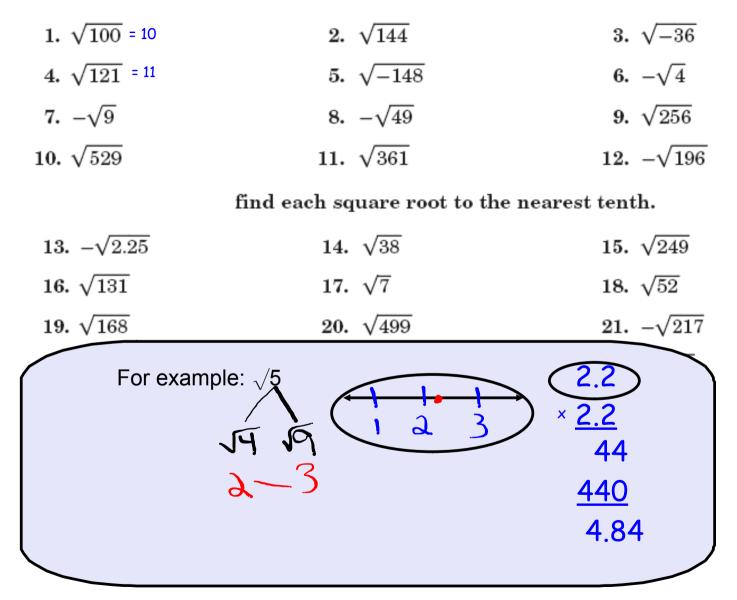


Example 4:

The area of the square above is 110 cm^2 . What is the length of a side of the square?

- A. between 9 and 10 centimeters
- B. between 10 and 11 centimeters
- C. between 7 and 8 centimeters
- D. between 6 and 7 centimeters

Find each square root.



CRCT Test Prep. Workbook

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Answer Key

<u>Number</u>	<u>Answer</u>
1	D
2	Α
3	D
4	В
5	В
6	С
7	С
8	D