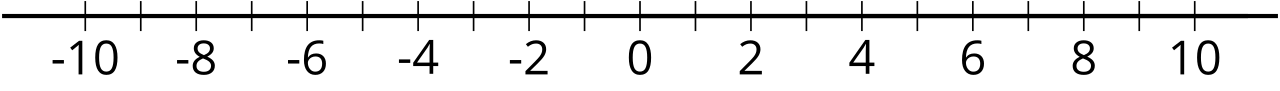
### Lesson 10 Practice Problems

1. Select **all** the true statements.
   1. is an imaginary number.
   2. There are no real numbers that satisfy the equation .
   3. Because is imaginary, no one does math with it.
   4. The equation has real solutions.
   5. because .
2. Plot each number on the real number line, or explain why the number is not on the real number line.

* 

1. Explain why has no real solutions.
2. Which value is closest to ?
   1. -5
   2. 3

* (From Unit 3, Lesson 5.)

1. Which is a solution to the equation ?
   1. -19
   2. 19
   3. 21
   4. The equation has no solutions.

* (From Unit 3, Lesson 7.)

1. Select **all** equations for which -64 is a solution.

* (From Unit 3, Lesson 8.)



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