

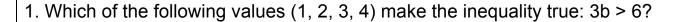
Practice Questions

Lesson: Understand inequalities using a bar model **Lesson Link:** http://learnzillion.com/lessons/3773 **Standard:** 6.EE.5

Name
Fluency Questions
1. Which of the following values (1, 2, 3, 4) make the inequality true: 3b > 6?
2. Which numbers are a solution for the inequality $x \div 5 \le 27$: (100, 75, 150, 125)?
3. Which of the following (7, 6, 4, 5) is NOT a solution for the inequality: $x + 11 > 15$
4. Johanna is solving the following inequality, y + 15 < 25. She says that only possible solutions are included in the following set: (5, 8, 10, 12). Do you agree or disagree with her? Explain your answer.



Answer Key



3 and 4

2. Which numbers are a solution for the inequality $x \div 5 \le 27$: (100, 75, 150, 125)?

75, 100, and 125

3. Which of the following (7, 6, 4, 5) is NOT a solution for the inequality: x + 11 > 15

4

4. Johanna is solving the following inequality, y + 15 < 25. She says that only possible solutions are included in the following set: (5, 8, 10, 12). Do you agree or disagree with her? Explain your answer.

Johanna is incorrect because while both 5 and 8 are solutions to the inequality, there are other solutions that will work that are not included in the set. For example, 6 and 7 are also solutions. As long as a number when added to 15 is less than 25, that number is a solution.