

Lesson 10: Interpreting Inequalities

Cool Down: Lin and Andre's Heights

1. Lin says that the inequalities $h > 150$ and $h < 160$ describe her height in centimeters. What do the inequalities tell us about her height?

2. Andre notices that he is a little taller than Lin but is shorter than their math teacher, who is 164 centimeters tall. Write two inequalities to describe Andre's height. Let a be Andre's height in centimeters.

3. Select all heights that could be Andre's height in centimeters. If you get stuck, consider drawing a number line to help you.
 - a. 150
 - b. 154.5
 - c. 160
 - d. 162.5
 - e. 164