Math Grades 6 - 9
Inequalities

MA.6.A.3.2
MA.8.A.4.2
MA.912.A.3.4
MA.912.A.3.5

The Adventures Of Sherlock Holmes
Adventure 8: "The Adventure of the Speckled Band"
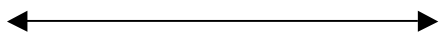Sir Arthur Conan Doyle

Reading Level: 6

Activity:

In the reading passages, there are several instances where an inequality can be written to represent the situation. Define a variable and write an inequality for each of the following quotes.
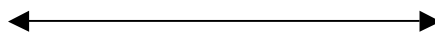
1. "The left arm of your jacket is spattered with mud in no less than seven places." Represent the number of places splattered with mud.

2. "I started from home before six,…" Represent the time the speaker started for home.

3. "She had a considerable sum of money—not less than 1000 pounds a year—…" Represent the amount of money.

4. "… not more than 750 pounds." Represent the amount of money.

Solve and graph the inequality.
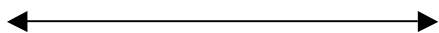
5.

6.

7.

8.