

Inequalities and Interval Notations

Objectives:

Translating to inequalities

Expressing inequalities in interval notations

Exercises:

- Translate to an inequality.
 - Charles is at least 18 years old.
 - Las Vegas is no more than 300 miles.
 - The movie is between 60 and 150 minutes.
 - John scored more than 75 points on the exam.
 - Angela has at least \$75.
- What is the difference between at most and less than?
- Write one number that makes the compound inequality true.
 - $3 < \square < 6$
 - $5 \square < 6$
 - $2.14 < \square < 2.15$
 - $-2 \square -2$
 - $-2.5 < \square < -2$
 - $0.234 < \square < 0.25$
- Fill in the missing information with an equivalent expression

English phrase

Inequality

Interval

Notation