

Bell Ringer: Reasoning with Equations and Inequalities

Grade Level: 9-12

Common Core: CC.9-12.A.REI.3 Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.

Competency: H5 Demonstrate the ability to use decision-making skills to enhance health.

Objective: The students will analyze how certain factors affect car crash risk.

Duration: 10 minutes

Answer Key:

1. $x < 40$

2. $x \leq 25$

Reasoning with Equations and Inequalities

1) More than half of the car crashes that cause injury or death happen at speeds less than 40 mph.

Write an inequality showing this information.

2) Also these crashes happen within 25 miles from home.

Write as an inequality.