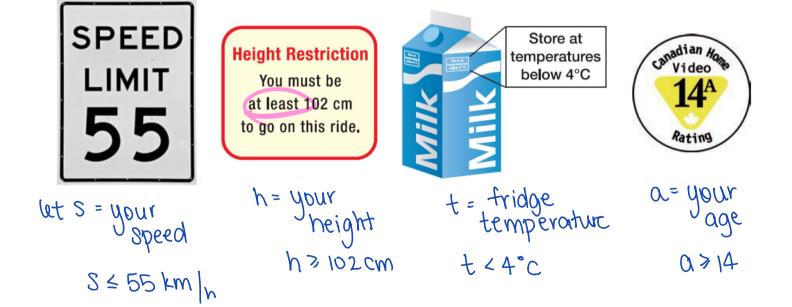
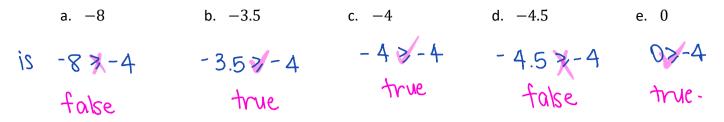


Example Define a variable and write an inequality for each situation.



**Example** Is each number a solution of the inequality  $b \ge -4$ ? Justify your answers.



**Example** Graph each inequality on a number line. Write 4 numbers that are solutions of the inequality.

a.  $-2 \ge x$ b. t > -5c.  $0.5 \le a$ d. p < -8.25d. p < -8.25d. p < -8.25b. t > -5c.  $0.5 \le a$ d. p < -8.25d. p < -8.25c.  $0.5 \le a$ d. p < -8.25d. p < -8.25c.  $0.5 \le a$ d. p < -8.25c.  $0.5 \le a$ d. p < -8.25c.  $0.5 \le a$ d. p < -8.25c.  $0.5 \le a$ c.  $0.5 \le b$ , -10, -1000000