

Lesson 14: Finding Solutions to Inequalities in Context

Cool Down: Colder and colder

It is currently 0 degrees outside, and the temperature is dropping 4 degrees every hour. The temperature after h hours is $-4h$.

1. Explain what the equation $-4h = -14$ represents.

2. What value of h makes the equation true?

3. Explain what the inequality $-4h \leq -14$ represents.

4. What values of h make the inequality true?