

Lesson 16: Representing Contexts with Equations

Cool Down: Floating Above a Sunken Canoe

A balloon is floating above a lake and a sunken canoe is below the surface of the lake. The balloon's vertical position is 12 meters and the canoe's is -4.8 meters. The equation $12 + d = -4.8$ represents this situation.

1. What does the variable d represent?

2. What value of d makes the equation true? Explain your reasoning.