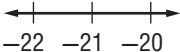
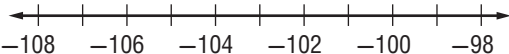
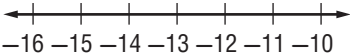
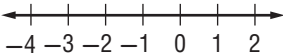


# Lesson 1 Problem-Solving Practice

## Integers and Graphing

**SCUBA** For Exercises 1–3, use the table below. The table shows the depths of scuba diving attractions on a certain dive tour.

Attractions	Depth (ft)
Coral reef	−22
Modern shipwreck	−98
Old shipwreck	−108
Cave	−16

<p>1. Graph the integer representing the depth of the coral reef on a number line.</p> <div></div>	<p>2. Hiromi took pictures of both shipwrecks. Graph the integers that represent the depths of the shipwrecks on a number line.</p> <div></div>
<p>3. Sandra swam in the cave and around the coral reef. Graph the integer that represents the depth of the cave on a number line.</p> <div></div>	<p>4. <b>SCIENCE</b> The liquid in Beaker A has a temperature of <math>-4^{\circ}\text{C}</math>. The liquid in Beaker B has a temperature of <math>2^{\circ}\text{C}</math>. Graph the integers that represent the temperatures on a number line.</p> <div></div>
<p>5. <b>STEPS</b> Catesby ran up 16 flights of stairs. Write an integer to represent this situation.</p>	<p>6. <b>CELL PHONE</b> Nazir used more minutes on his cell phone than his plan allows. He now owes his parents \$15. Write an integer to represent this debt.</p>
<p>7. <b>CAVE</b> The entrance of a cave is at an elevation of 14 meters. The lowest part of the cave is at an elevation of <math>-86</math> meters. Write an integer to represent the elevation of the entrance to the cave.</p>	<p>8. <b>MONEY</b> Larry lost 45 cents when it fell out of his jacket pocket while he was playing. Write an integer to represent this loss.</p>

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