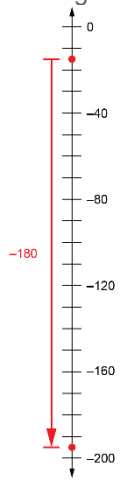
Number

Lesson 10 Assessment

Solving Problems Involving Integers

Solving Problems Involving Integers			
Uses integers to represent real-life situations A beluga whale was swimming at a depth of 15 m. It dove down another 180 m to feed. At what depth was the whale feeding? "The two depths are below the surface. If the surface of the ocean is 0 m, the depths are –15 m and –180 m."	Writes expressions to represent problem situations involving integers –15 + (–180) "I need to find the whale's feeding depth. The whale starts at –15 m and dives down –180 m farther, so I need to add."	Selects effective problem-solving strategies (including models)  –15 + (–180) = –195 "180 is a lot of counters to count. I'll use a number line."	Solves problems involving integers in more than one way "I can also just add 15 m and 180 m to determine the feeding depth."
Observations/Documentation			