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| **Solving Problems Involving Integers** |
| Uses integers to represent real-life situationsA 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** |
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