

## Problem-Solving Decision: Choose the Operation

Use the questions to help you solve.

1. The temperature at an airport is  $15^{\circ}\text{C}$ . At an altitude of 3,000 m, the temperature is  $-4.5^{\circ}\text{C}$ . At 6,000 m, the temperature is  $19.5^{\circ}\text{C}$  lower than it was at 3,000 m. How much colder is it at 6,000 m than on the ground?

**UNDERSTAND**

What information is given in the problem?

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What information is asked for?

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**PLAN**

What strategy will you use to find the answer?

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**SOLVE**

How many steps will you need to follow to solve this problem?

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What operations will you use?

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**LOOK BACK**

How can you check your answer?

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2. For the first hour of a flight, the average temperature outside the plane was  $-49^{\circ}\text{F}$ . For the next two hours, the average temperature was  $-46^{\circ}\text{F}$ . What was the average outside temperature for the entire three-hour flight?

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