Integer Word Problems 2

Be sure to show the evidence that proves your answer.

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1. A hike starts at an elevation 65 meters below sea level and ends at a point 9120 meters higher than the starting point. At what elevation would you be at the end of the hike?
2. At sunrise, the outside temperature was 2◦ below zero. By lunch time, the temperature rose 19◦ and the fell by 6◦ by sunset. What was the temperature at this time?
3. A submarine hovers at 230 meters below sea level. If it descends 120 meters and then ascends 262 meters, what is its new position?
4. Mrs. Stickle borrowed $5 from her daughter to pay for her lunch. She gave her the $2 she later found in her wallet. The next day she borrowed $11 to buy a book at the book fair. How much money does she still owe her daughter?
5. A squirrel sat on a branch that was 7 meters above the ground. He ran down the branch until he was only 1.5 meters above the ground. A dog chased him back up the tree. He climbed 9.3 meters farther up the tree from this location. How far up the branch is he now?
6. The Smiths were playing *Jeopardy.* They answered a 150-point question correctly, a 200-point question correctly, a 50-point question incorrectly, and a 250-point question incorrectly. What was their final score? (When playing *Jeopardy*, you lose points for incorrect answers)
7. The school store bought supplies worth $250 to open the school year, so they started recording their account with a balance of $ -250.What was their account balance after these results in September, October, November and December? Write number sentences to show your thinking.

1. September ➔ income of $175
2. October ➔ income of $200, cost of new supplies $125

**c.** November ➔ income of $125

**d.** December ➔ cost of new supplies $150, income of $60