1. Use the number line to solve the problem by working backward.

Cherylanne has been delivering gifts to some friends in her apartment building. She ended up on the 2nd floor after going up 3 floors. Before that, she had come down 5 floors. On what floor did Cherylanne start?

A 4th
B 3rd
C 1st
D G (ground floor)

2. The Perez family arrived at Tia Elena’s house with 6 gallons of gas. Along the way, they first used 8 gallons and then added 10 gallons; then they used 5 gallons. How many gallons of gas did the Perez family start with? Work backward, and then solve.

A 3 gallons
B 7 gallons
C 9 gallons
D 11 gallons

3. Ginny gets out of school at 3:50 P.M. After her lunch period ends, she spends 45 minutes in math class, 60 minutes in advanced creative writing, and 40 minutes in industrial arts. At what time does her lunch period end? Work backward to solve, and then check your answer.

4. The expression \( (5 + d) - b \) represents the number of times Kent will have gone diving with his uncle by the end of the year. Evaluate this expression if \( d = 12 \) and \( b = 2 \).

5. Alejandra is continuing a dice game she started playing with her cousin yesterday. Her score at the end of today’s game is 135. When she started today’s game, she first won 15 points. Then she lost 10, won 25, won 30, and lost 20. How many points did she have at the beginning of today’s game?