page C: Find and fix the mistake

Directions: Read each student's reasoning. Explain exactly where it goes wrong, then solve and check the problem.

1. Amari says, "**5/6 ÷ 1/3 = 5/18**. I multiplied the fractions as written."

2. Jordan says, "**1/2 ÷ 3/4 = 3/2**. I turned the first fraction over and then multiplied."

3. A project has **7/10 meter** of tape. Each kit needs **1/5 meter**. Lina gets a quotient of **3 1/2** and says, "There is **1/2 meter** left after making the full kits." Evaluate the calculation and the claim about the leftover.

4. Nico says, "**2/5 ÷ 4/5** cannot have a useful answer because no whole 4/5 group fits." Write a short story where the quotient makes sense, and show what the answer measures.