

**Using the Whiteboard**

- Read the direction line and the problem to the students.
- Tap the first **Action Arrow**. Read the directions.
- Guide a volunteer to use the **Pen** to write the answer on the blank lines. Repeat for the second equation.
- Tap the second **Action Arrow**. Read the directions.
- Guide a volunteer to use the **Pen** to write the answer on the blank lines. Repeat for the final equation.
- Tap **Math Talk** to reveal a discussion question.

Teaching the Math

This problem connects to the learning model. Have students explain their thinking as they answer the question.

Use **Math Talk** to check students' understanding of the Order of Operations.

Ask: If you add before multiplying, will you get the same answer? Explain. **No; possible explanation: It is important to follow the order of operations and multiply first then add.**

Common Errors

Error Students do not follow the order of operations correctly.

Example Find the value of n .

$$2 \times 5 + 10 \times 3 = n$$

Student answer: $60 = n$

Springboard to Learning Tell students to look at all of the operations before solving and make a plan to solve using the order of operations. They should show each step of their work.

Answer Key

$$\underline{85} + \underline{5} \times \underline{20} - \underline{32} = n$$

$$\underline{85} + \underline{100} - \underline{32} = n$$

$$\underline{185} - \underline{32} = n$$

$$\underline{153} = n$$