

**Using the Whiteboard**

- Read the problem with students.
- Read Step 1. Ask a volunteer to use the **Pen** to write the answers on the blank lines.
- Tap the **Action Arrow** to the right of Step 1 to reveal Step 2.
- Invite a student to use the **Pen** to add the partial products in the grid.
- Tap the **Action Arrow** on the left hand side of the page.
- Have a student use the **Pen** to write the answer on the blank line.

Teaching the Math

Ask: When writing 1,250 in expanded form, why don't you write anything for the ones place? **Possible answer:** The value of the ones digit is zero. Adding zero doesn't change the sum of the partial products, so I don't need to include it.

Ask: How is multiplying by a 3-digit number similar to multiplying by a 4-digit number using expanded form? **Possible answer:** The steps are the same. Depending on the digits in the 3-digit and 4-digit numbers, you may have more or fewer partial products.

Answer Key

$$5 \times 1,250 = 3 \times 1,000 + 200 + 50$$

$$= (3 \times 1,000) + (3 \times 200) + (3 \times 50)$$

		3	0	0	0
		6	0	0	
	+	1	5	0	
		3	7	5	0

So, the shop ordered **3,750** animals.