

Quick Quantity Check Answer Key

1. About 50 notebooks. Yes.
2. $30 \times 20 =$ about \$600. No.
3. $4 \times 50 =$ about 200 sandwiches. Yes.
4. $12 \times 50 =$ about 600 seats. No.
5. About 240 bottles. No.
6. $30 \times 9 =$ about 270 cupcakes. Yes.
7. $20 \times 40 =$ about 800 beads. No.
8. $6 \times 50 =$ about 300 gallons. No.

Teacher's Guide

- Quick implementation: Have students identify whether they need to estimate an amount needed or an amount available before deciding Yes or No.
- Differentiation: Provide suggested rounded numbers for students who need support. Challenge advanced students to find a second reasonable estimate.
- Engagement: Ask students to act as supply managers who must quickly approve or reject each plan.
- Extension: Have students calculate the exact quantities for selected problems and check whether estimation led to the correct decision.