

Rounding Decisions Answer Key

1. $173 \div 40$ is about 4.3. Round up: 5 buses.
2. $258 \div 24$ is about 10.8. Round down: 10 full containers.
3. 347 rounds to 300. Nearest.
4. $615 \div 50$ is about 12.3. Round up: 13 boxes.
5. $68 \div 9$ is about 7.6. Round down: 7 tickets.
6. $286 \div 50$ is about 5.7. Round up: 6 packages.
7. 742 rounds to 700. Nearest.
8. $425 \div 60$ is about 7.1. Round down: 7 full containers.

Teacher's Guide

- Quick implementation: Explain that the situation determines how an estimate should be rounded. Emphasize that buses, boxes, and packages must cover everyone or everything, while questions about full containers or affordable items require rounding down.
- Differentiation: Have students underline phrases such as "should reserve," "can buy," and "full containers" to identify the appropriate rounding direction.
- Engagement: Ask students to act as decision makers and explain what could happen if they rounded in the wrong direction.
- Extension: Have students write one situation for each method: rounding up, rounding down, and rounding to the nearest value.