

Name _____

Quotient Check Answer Key

- | | |
|---|---|
| 1. About 3 ($21 \div 7 = 3$ is a reasonable estimate.) | 8. 7.1 |
| 2. About 5 ($45 \div 9 = 5$ is a reasonable estimate.) | 9. 27.6 |
| 3. 2.1 | 10. 7 |
| 4. 3.1 | 11. Mistake: The decimal point was omitted from the quotient. Correct answer: 2.5 |
| 5. 2.2 | 12. \$6.90 |
| 6. 3.6 | 13. 4.6 meters |
| 7. 2.4 | |

Teacher's Guide

- Begin with the estimation section to encourage students to predict reasonable quotients before calculating.
- Remind students to place the decimal point by considering the size of the dividend and divisor, not by guessing.
- Encourage students to check each quotient by multiplying the quotient by the divisor.
- Provide place value charts or graph paper for students who need help organizing the standard algorithm.
- Have students explain the error analysis problem to a partner before writing the correction.
- Extend the review by asking students to write one estimation problem, one missing-number equation, and one real-world decimal division problem for a classmate to solve.