

Grade 6 Decimals Word Problems

Decimals • Grade 6 • Word Problems • Set C

Name: _____

Date: _____

Read each problem carefully. Show your work, then write your answer on the line.

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1. Apples cost \$6.68 per pound. Quinn buys 2.8 pounds. What is the cost, to the nearest cent?

2. A car uses 10.43 gallons of gas to travel 398 miles. How many miles per gallon is that, to the nearest tenth?

3. A car uses 5.23 gallons of gas to travel 423 miles. How many miles per gallon is that, to the nearest tenth?

4. Apples cost \$2.67 per pound. Sam buys 2.3 pounds. What is the cost, to the nearest cent?

5. A car uses 11.56 gallons of gas to travel 327 miles. How many miles per gallon is that, to the nearest tenth?

6. A car uses 11.99 gallons of gas to travel 346 miles. How many miles per gallon is that, to the nearest tenth?

7. Apples cost \$3.56 per pound. Carla buys 3.5 pounds. What is the cost, to the nearest cent?

8. Apples cost \$7.27 per pound. Noah buys 1.8 pounds. What is the cost, to the nearest cent?

9. A car uses 4.96 gallons of gas to travel 229 miles. How many miles per gallon is that, to the nearest tenth?

10. Apples cost \$8.37 per pound. Hana buys 4.8 pounds. What is the cost, to the nearest cent?

Answer Key

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|--------------------------|--------------------------|--------------------------|
| 1. \$18.70 | 5. 28.3 miles per gallon | 9. 46.2 miles per gallon |
| 2. 38.2 miles per gallon | 6. 28.9 miles per gallon | 10. \$40.18 |
| 3. 80.9 miles per gallon | 7. \$12.46 | |
| 4. \$6.14 | 8. \$13.09 | |