

Grade 6 Decimals Word Problems

Decimals • Grade 6 • Word Problems • Set A

Name: _____

Date: _____

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

1. Apples cost \$12.83 per pound. Quinn buys 6.8 pounds. What is the cost, to the nearest cent?

2. A car uses 9.27 gallons of gas to travel 366 miles. How many miles per gallon is that, to the nearest tenth?

3. A car uses 4.45 gallons of gas to travel 375 miles. How many miles per gallon is that, to the nearest tenth?

4. Apples cost \$5.95 per pound. Jonah buys 9.0 pounds. What is the cost, to the nearest cent?

5. A car uses 6.86 gallons of gas to travel 434 miles. How many miles per gallon is that, to the nearest tenth?

6. A car uses 10.84 gallons of gas to travel 451 miles. How many miles per gallon is that, to the nearest tenth?

7. Apples cost \$11.67 per pound. Hana buys 5.5 pounds. What is the cost, to the nearest cent?

8. A car uses 8.40 gallons of gas to travel 239 miles. How many miles per gallon is that, to the nearest tenth?

9. A car uses 5.52 gallons of gas to travel 216 miles. How many miles per gallon is that, to the nearest tenth?

10. Apples cost \$6.20 per pound. Hana buys 5.1 pounds. What is the cost, to the nearest cent?

Answer Key

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|--------------------------|--------------------------|--------------------------|
| 1. \$87.24 | 5. 63.3 miles per gallon | 9. 39.1 miles per gallon |
| 2. 39.5 miles per gallon | 6. 41.6 miles per gallon | 10. \$31.62 |
| 3. 84.3 miles per gallon | 7. \$64.19 | |
| 4. \$53.55 | 8. 28.5 miles per gallon | |