

Grade 6 Decimals Word Problems

Decimals • Grade 6 • Word Problems • Set B

Name: _____

Date: _____

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

1. A car uses 10.17 gallons of gas to travel 323 miles. How many miles per gallon is that, to the nearest tenth?

2. A car uses 5.78 gallons of gas to travel 453 miles. How many miles per gallon is that, to the nearest tenth?

3. A car uses 9.30 gallons of gas to travel 434 miles. How many miles per gallon is that, to the nearest tenth?

4. Apples cost \$7.28 per pound. Quinn buys 7.5 pounds. What is the cost, to the nearest cent?

5. A car uses 8.40 gallons of gas to travel 258 miles. How many miles per gallon is that, to the nearest tenth?

6. Apples cost \$11.19 per pound. Ivan buys 8.0 pounds. What is the cost, to the nearest cent?

7. A car uses 5.79 gallons of gas to travel 366 miles. How many miles per gallon is that, to the nearest tenth?

8. A car uses 5.64 gallons of gas to travel 163 miles. How many miles per gallon is that, to the nearest tenth?

9. A car uses 7.20 gallons of gas to travel 349 miles. How many miles per gallon is that, to the nearest tenth?

10. Apples cost \$3.63 per pound. Ava buys 2.2 pounds. What is the cost, to the nearest cent?

Answer Key

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|--------------------------|--------------------------|--------------------------|
| 1. 31.8 miles per gallon | 5. 30.7 miles per gallon | 9. 48.5 miles per gallon |
| 2. 78.4 miles per gallon | 6. \$89.52 | 10. \$7.99 |
| 3. 46.7 miles per gallon | 7. 63.2 miles per gallon | |
| 4. \$54.60 | 8. 28.9 miles per gallon | |