

Grade 7 Decimals Word Problems

Decimals • Grade 7 • Word Problems • Set A

Name: _____

Date: _____

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

1. Ava's account shows \$33.67. A payment of \$60.09 goes through. What is the new balance?

2. Victor owes a friend \$29.25. Victor earns \$5.50 babysitting and uses all of it to pay back part of the debt. How much does Victor still owe?

3. Maya's account shows \$17.17. A payment of \$64.31 goes through. What is the new balance?

4. Willa had \$47.00 in an account, then made 2 equal withdrawals of \$19.75 each. What is the account balance after the withdrawals?

5. Felix's account shows \$49.63. A payment of \$79.03 goes through. What is the new balance?

6. The temperature changed by -3.9°F each hour for 7.9 hours. What was the total change in temperature?

7. The temperature was -15.3°C at dawn and rose by 11.9°C by noon. What was the noon temperature?

8. A scuba diver descended at a rate of -2.3 meters per minute. After 7.8 minutes, how deep is the diver?

9. Carla's account shows $\$39.36$. A payment of $\$35.54$ goes through. What is the new balance?

10. Xavier lost $1\frac{1}{4}$ points on a penalty in a trivia game, then earned $5\frac{3}{4}$ points on the next question, and lost $2\frac{1}{2}$ points on another penalty. What is Xavier's total score for those three rounds?

Answer Key

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|-------------|------------------|--------------|
| 1. -\$26.42 | 5. -\$29.40 | 9. \$3.82 |
| 2. -\$23.75 | 6. -30.81°F | 10. 2 points |
| 3. -\$47.14 | 7. -3.4°C | |
| 4. \$7.50 | 8. -17.94 meters | |