

Grade 7 Decimals Word Problems

Decimals • Grade 7 • Word Problems • Set C

Name: _____

Date: _____

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

1. The temperature was -14.1°C at dawn and rose by 12.7°C by noon. What was the noon temperature?

2. Diego owes a friend \$42.50. Diego earns \$19.25 babysitting and uses all of it to pay back part of the debt. How much does Diego still owe?

3. The temperature was -15.7°C at dawn and rose by 12.3°C by noon. What was the noon temperature?

4. A submarine was at -60 feet. It rose $\frac{1}{2}$ of that distance toward the surface. What is the submarine's new depth?

5. Diego's account shows \$35.16. A payment of \$81.34 goes through. What is the new balance?

6. The temperature in Anchorage was -13.25°F in the morning. By noon it had risen 6°F , and by evening it dropped 12.75°F . What was the temperature in the evening?

7. Victor's account shows \$40.01. A payment of \$71.26 goes through. What is the new balance?

8. The water level in a reservoir dropped 0.75 feet per day for 9 days and then rose 0.5 feet per day for 4 days. What was the total change in water level?

9. Yara's account shows \$15.56. A payment of \$66.72 goes through. What is the new balance?

10. Priya's bank account balance was -\$81.25. Priya deposited \$191.00 and then spent \$42.11 on groceries. What is the new balance?

Answer Key

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1. -1.4°C

5. $-\$46.18$

9. $-\$51.16$

2. $-\$23.25$

6. -20°F

10. $\$67.64$

3. -3.4°C

7. $-\$31.25$

4. -30 feet

8. -4.75 feet