

Grade 8 Integers Word Problems

Integers • Grade 8 • Word Problems • Set C

Name: _____

Date: _____

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

1. The temperature was -13°C at midnight and fell 18 degrees by dawn. What was the temperature at dawn?

2. Jonah had \$46.50 in an account, then made 3 equal withdrawals of \$21.75 each. What is the account balance after the withdrawals?

3. The temperature was -17°C at midnight and fell 7 degrees by dawn. What was the temperature at dawn?

4. The water level in a reservoir dropped 1.25 feet per day for 9 days and then rose 0.5 feet per day for 2 days. What was the total change in water level?

5. Elena's bank balance is \$-160. After a deposit of \$250, what is the balance?

6. Zane owes a friend \$43.75. Zane earns \$15.50 babysitting and uses all of it to pay back part of the debt. How much does Zane still owe?

7. Carla's bank balance is \$-190. After a deposit of \$260, what is the balance?

8. The temperature in Buffalo was -8.25°F in the morning. By noon it had risen 8.75°F , and by evening it dropped 7.5°F . What was the temperature in the evening?

9. A diver is 58 meters below the surface and rises 20 meters. What is the diver's position, as an integer?

10. A football team gained $4\frac{1}{4}$ yards on the first play, lost $4\frac{1}{4}$ yards on the second play, and gained $1\frac{3}{4}$ yards on the third play. What was the total yardage change after three plays?

Answer Key

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1. -31°C

5. \$90

9. -38

2. $-\$18.75$

6. $-\$28.25$

10. $1\frac{3}{4}$ yards

3. -24°C

7. \$70

4. -10.25 feet

8. -7°F