

Name: _____

Date: _____

Word problems: temperature and money

Write each answer as an integer. Show your work.

1. A football team gains 8 yards, loses 9 yards, then gains 2 yards. What is the net change in yards?

Answer: _____

2. A hiker starts in a valley below sea level, at -60 m and climbs 90 m. What is the new elevation, in metres?

Answer: _____

3. In golf, under par is negative. A golfer scores -3 , then $+2$, then -1 on three holes. What is the total score?

Answer: _____

4. Riya's account shows $-\$10$. She deposits $\$17$. What is her balance now, in dollars?

Answer: _____

5. The high in the desert was 28°C and the low was -5°C . How many degrees apart are they?

Answer: _____

6. A submarine dives 4 m every minute for 4 minutes. What is its change in depth, as an integer?

Answer: _____

7. A lift starts on floor -3 (a basement car park) and goes up to floor 7. How many floors does it travel?

Answer: _____

8. A football team gains 3 yards, loses 9 yards, then gains 3 yards. What is the net change in yards?

Answer: _____

9. A share price changes by $-\$4$ every day for 5 days. What is the total change, in dollars?

Answer: _____

10. At 6 a.m. the temperature was -8°C . By noon it had risen 11 degrees. What was the temperature at noon, in $^{\circ}\text{C}$?

Answer: _____

Integers: Answer Key

1. 1

2. 30

3. -2

4. 7

5. 33

6. -16

7. 10

8. -3

9. -20

10. 3