

INTEGER- SUBTRACTION

1. When Steve woke up, his temperature was 102°F . Two hours later, it was 3°F lower. What was his temperature then?

- A) 105°F
- B) 99°F
- C) 100°F
- D) 101°F

2. An elevator is on the twentieth floor. It goes down 11 floors and then up 5 floors. What floor is the elevator on now?

- A) 14th floor
- B) 16th floor
- C) 15th floor
- D) 13th floor

3. A deep-sea exploring ship is pulling up a diver at the rate of 25 feet per minute. The diver is 200 feet below sea level. How deep was the diver 10 minutes ago?

- A) -450 feet
- B) -300 feet
- C) -250 feet
- D) -200 feet

4. If it is 5°F outside and the temperature will drop 17°F in the next six hours, how cold will it get?

A) -12°F

B) 22°F

C) -22°F

D) -11°F

5. Josie has \$47 left in her checking account. If she writes a check for \$55, what will Josie's balance be?

A) $-\$8$

B) $\$8$

C) $-\$12$

D) $-\$2$

6. Joe is playing a game with a die. If the number that turns up is even, he will gain 5 times the number. If it is odd, he will lose 10 times the number. He tosses a 3. Express the result as an integer.

A) -30

B) -3

C) 15

D) 30

7. It will be -12°F tonight. The weatherman predicts it will be 25°F warmer by noon tomorrow. What will the temperature be by noon tomorrow?

- A) 13°F
- B) 12°F
- C) -37°F
- D) 37°F

8. The average temperature at the South Pole is -45°F . The average temperature on the Equator is 92°F . How much warmer is the average temperature on the Equator than at the South Pole?

- A) 47°F
- B) 147°F
- C) 137°F
- D) 87°F

9. Felix reported that the coldest day on record for his town was five times colder than yesterday's temperature, -4°C . What was the temperature of the coldest day on record?

- A) -20°C
- B) -16°C
- C) -12°C
- D) -4°C

10. The elevation of Mt. Everest is 29,028 feet. The elevation of the Dead Sea is -485 feet. What is the difference in elevation between Mt. Everest and the Dead Sea?

- A) 28,543 feet
- B) 29,513 feet
- C) 29,028 feet
- D) 29,485 feet