

Integers

1. Bill's bank balance at the beginning of the week was \$850.
Bill withdrew \$50 every day for seven days.

Which of the following correctly describes his bank balance at the end of the week?

- A. $\$850 + (7 \times \$50)$
- B. $\$850 - (7 \times \$50)$
- C. $\$850 - \750
- D. $7(\$850 - \$50)$

2. A water tank is full and holds 50,000 liters.
80 liters of water is removed from the tank each hour.

Which of the following correctly gives the number of liters of water left in the tank
after two days?

- A. $(50,000 - 4,880)$ liters
- B. $48(50,000 - 80)$ liters
- C. $(50,000 - 48 \times 80)$ liters
- D. $(50,000 + 48 \times 80)$ liters

3. The temperature at noon was 35°

The temperature dropped by 3° each hour for the next 16 hours.

Which of the following correctly gives the temperature at 4 AM the following morning?

- A. $35^{\circ} + (16 \times 3^{\circ})$
- B. $35^{\circ} - (4 \times 3^{\circ})$
- C. $35^{\circ} - (16^{\circ})$
- D. $35^{\circ} - (16 \times 3^{\circ})$

4. The population of a mining town is 40,000.

The mine closes and 150 people leave the town each month.

Which of the following correctly gives the number of people remaining in the town after three years?

- A. $40,000 - 3 \times 150$
- B. $40,000 - 36 \times 150$
- C. $40,000 + 36 \times 150$
- D. $36 \times 150 - 40,000$



Absolute value

1) $|-7| - |3| =$

2) $|12| + |8| =$

3) $|13| - |-7| =$

4) $|-14| + |-4| =$

5) $|-9| + |7| =$

6) $|6| - |1| =$

7) $|11| + |-12| =$

8) $|-10| - |-2| =$

9) $|-13| + |4| =$

10) $|10| + |8| =$

11) $|12| - |-7| =$

12) $|-15| + |-4| =$

13) $|9| - |4| =$

14) $|14| + |3| =$

15) $|10| - |-6| =$

16) $|-11| + |-3| =$

17) $|-15| - |7| =$

18) $|9| - |2| =$

19) $|14| + |-5| =$

20) $|-11| - |-6| =$