

**6.3D** *add, subtract multiply and divide integers fluently*

# INTEGERS ASSESSMENT

1. Simplify the following expression:

$$-6 + 5 \cdot 2$$

**A** 8

**B** 4

**C**  $-2$

**D**  $-16$

2. Which expression has the least value?

**A**  $-7(-9)$

**B**  $46 - 74$

**C**  $-91 + 68$

**D**  $156 \div (-6)$

3. Which of the following expressions simplifies to  $-1$ ?

**A**  $-39 - 38$

**B**  $-1(-1)$

**C**  $19 + (-20)$

**D**  $\frac{-16}{-16}$

4. By noon, the temperature increased  $21^{\circ}\text{F}$  from the morning low of  $-13^{\circ}\text{F}$ . What was the temperature at noon?

**A**  $8^{\circ}\text{F}$

**B**  $21^{\circ}\text{F}$

**C**  $34^{\circ}\text{F}$

**D**  $12^{\circ}\text{F}$

5. A submarine dives at a rate of 24 feet per minute. What is the submarine's depth, in feet, after 4 minutes?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

6. Marco has a balance of  $-\$19$  in his checking account. He makes a trip to the bank to deposit  $\$368$ . The next day he purchases a new video game for  $\$47$  using his debit card. What is Marco's new balance after he purchases the video game?

**A**  $\$434$

**B**  $\$339$

**C**  $\$302$

**D**  $\$301$

7. Which of the following expression is equivalent to  $-8$ ?

I.  $-32 \div (-4)$

II.  $-3 - (-11)$

III.  $(2)(-4)$

IV.  $-14 + 6$

A I and II only

B III and IV only

C II, III, and IV only

D I, II, III, and IV

8. Jackson went deep sea diving with some friends. If he descends at a rate of 4 feet per minute, what integer represents Jackson's depth in half an hour?

A  $-60$

B  $60$

C  $120$

D  $-120$

9. Which of the following expressions have equivalent solutions?

I.  $-12(4)$

II.  $-11 + 59$

III.  $-24 - 24$

IV.  $\frac{-98}{-2}$

A I and IV only

B II and III only

C I and III only

D I, II, and III only

10. During the first round of a game, Ravi had a score of  $-27$  points. He earned 35 points in the second round. What was Ravi's score after the second round?

Record your answer.