

# Adding Integers

 Bell work

## 1. Complete the following statement.

- a. When adding two integers with different signs, \_\_\_\_\_ the numbers and use the sign of the \_\_\_\_\_ number.
- b. When adding two integers with the same sign, \_\_\_\_\_ and keep the same sign.

## 2. Write T for true or F for false

- a. The sum of zero and a negative number is always a positive number.
- b. The sum of two negative numbers is always a negative number.

## Multiple Choice

3. A scuba diver swam  $80\text{ ft}$  beneath the surface of the lake. He then climbs up  $45\text{ ft}$ . What is his depth now?

- a.  $-35\text{ ft}$
- b.  $-125\text{ ft}$
- c.  $35\text{ ft}$

4. When Sally woke up. Her temperature was  $100^\circ\text{ F}$ . Two hours later it was  $2^\circ$  lower. What was her temperature then?

- a.  $98^\circ\text{ F}$
- b.  $100^\circ\text{ F}$
- c.  $102^\circ\text{ F}$

5. Find the value of the expression  $-122 + 122$

- a.  $244$
- b.  $-244$
- c.  $0$

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## ANSWERS

### 1. Complete the following statement.

- When adding two integers with different signs, **subtract** the numbers and use the sign of the **larger** number.
- When adding two integers with the same sign, **add** and keep the same sign.

### 2. Write T for true or F for false

- The sum of zero and a negative number is always a positive number. **F**
- The sum of two negative numbers is always a negative number. **T**

### Multiple Choices

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5. Find the value of the expression  $-122 + 122$

- $244$
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