**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 $80 ft$ beneath the surface of the lake. He then climbs up $45 ft$ . What is his depth now?

|  |  |  |
| --- | --- | --- |
| **a.** | $$-35 ft$$ |  |
| **b.** | $$-125 ft$$ |  |
| **c.** | $$35 ft$$ |  |

**4.** When Sally woke up. Her temperature was 100° F. Two hours later it was 2° lower. What was her temperature then?

|  |  |  |
| --- | --- | --- |
| **a.** | $$98°F$$ |  |
| **b.** | $$100°F$$ |  |
| **c.** | $$102°F$$ |  |

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

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

**ANSWERS**

**1. Complete the following statement.**

|  |  |
| --- | --- |
| **a.** | When adding two integers with different signs, subtract the numbers and use the sign of the larger number. |
| **b.** | When adding two integers with the same sign, add 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. | **F** |
| **b.** | The sum of two negative numbers is always a negative number. | **T** |

**Multiple Choices**

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

|  |  |  |
| --- | --- | --- |
| **a.** | $$-35 ft$$ |  |
| **b.** | $$-125 ft$$ |  |
| **c.** | $$35 ft$$ |  |

**4. When Sally woke up. Her temperature was 100° F. Two hours later it was 2° lower. What was her temperature then?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$98°F$$ |  |
| **b.** | $$100°F$$ |  |
| **c.** | $$102°F$$ |  |

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

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