**Find the sum of each expression below using the rules for adding integers.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** |  | **2.** |  | **3.** |  |
|  |  |  |  |  |  |
| **4.** |  | **5.** |  | **6.** |  |
|  |  |  |  |  |  |

**Show the addition on the number line. Then write the sum.**

|  |  |  |
| --- | --- | --- |
| **7.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
| **8.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
| **9.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |

**Write the expression that each number line demonstrates.** **Then write the sum.**

|  |  |
| --- | --- |
| **10.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **11.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **12.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **13.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |

**Solve each expression below.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **14.** |  | **15.** |  | |
|  |  |  |  | |
| **16.** |  | **17.** |  |
|  |  |  |  |
| **18.** |  | **19.** |  |
|  |  |  |  |

**WORD PROBLEMS**

|  |  |
| --- | --- |
| **20.** | An elevator is on the twentieth floor. It goes down 10 floors and then up 6 floors. What floor is the elevator on now? |
|  |  |
| **21.** | At a.m. the temperature was . At noon, the temperature rose. What was the temperature at noon? |
|  |  |
| **22.** | A submarine is situated  below sea level. If it rises  , what is its new position? |
|  |  |

**ANSWERS**

**Find the sum of each expression below using the rules for adding integers.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** |  | **2.** |  | **3.** |  |
|  |  |  |  |  |  |
| **4.** |  | **5.** |  | **6.** |  |
|  |  |  |  |  |  |

**Show the addition on the number line. Then write the sum.**

|  |  |  |
| --- | --- | --- |
| **7.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
| **8.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
| **9.** |  | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |

**Write the expression that each number line demonstrates.** **Then write the sum.**

|  |  |
| --- | --- |
| **10.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **11.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **12.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |
| **13.** | **0**  **1**  **2**  **3**  **4**  **-1**  **-2**  **-3**  **-4**  **5**  **6**  **-5**  **-6** |
|  |  |

**Solve each expression below.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **14.** |  | **15.** |  | |
|  |  |  |  | |
| **16.** |  | **17.** |  |
|  |  |  |  |
| **18.** |  | **19.** |  |
|  |  |  |  |

**WORD PROBLEMS**

|  |  |
| --- | --- |
| **20.** | An elevator is on the twentieth floor. It goes down 10 floors and then up 6 floors. What floor is the elevator on now? |
|  |  |
| **21.** | At a.m. the temperature was . At noon, the temperature rose. What was the temperature at noon? |
|  | Temperature in a.m.  The temperature at noon was. |
| **22.** | A submarine is situated  below sea level. If it rises  , what is its new position? |
|  | below sea level  rises    The new position is below sea level. |