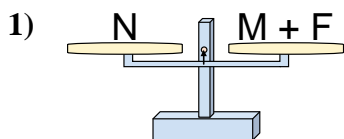
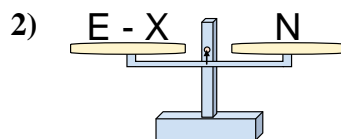




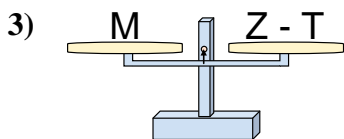
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

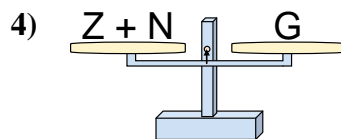
- A.  $M = F - N$   
 B.  $M = F + N$   
 C.  $M = N + F$   
 D.  $M = N - F$



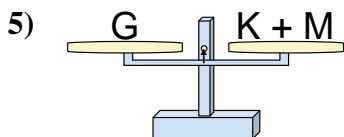
- A.  $E = N - X$   
 B.  $E = X - N$   
 C.  $E = N + N$   
 D.  $E = X + N$



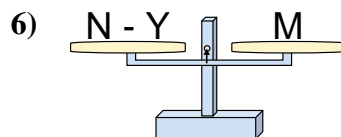
- A.  $Z = M + M$   
 B.  $Z = T + M$   
 C.  $Z = M - T$   
 D.  $Z = T - M$



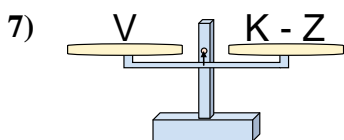
- A.  $Z = G - N$   
 B.  $Z = N + G$   
 C.  $Z = N - G$   
 D.  $Z = G + N$



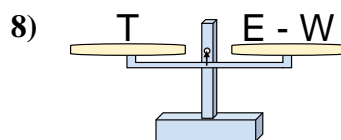
- A.  $K = M - G$   
 B.  $K = G - M$   
 C.  $K = M + G$   
 D.  $K = G + M$



- A.  $N = Y + M$   
 B.  $N = Y - M$   
 C.  $N = M - Y$   
 D.  $N = M + M$



- A.  $K = Z - V$   
 B.  $K = V - Z$   
 C.  $K = Z + V$   
 D.  $K = V + V$

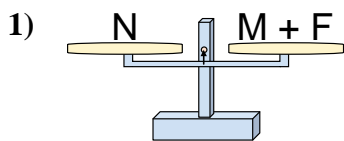


- A.  $E = W - T$   
 B.  $E = T - W$   
 C.  $E = W + T$   
 D.  $E = T + T$

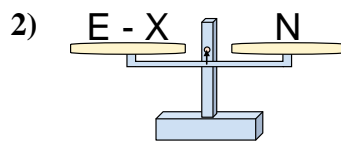
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



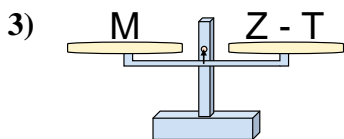
The scales shown are balanced. Determine which number sentence must be true.



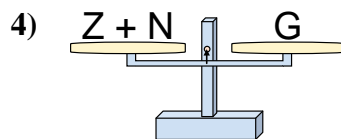
- A.  $M = F - N$   
 B.  $M = F + N$   
 C.  $M = N + F$   
 D.  $M = N - F$



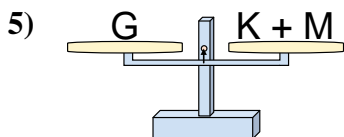
- A.  $E = N - X$   
 B.  $E = X - N$   
 C.  $E = N + N$   
 D.  $E = X + N$



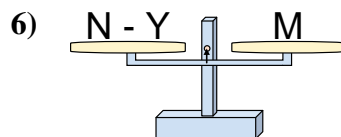
- A.  $Z = M + M$   
 B.  $Z = T + M$   
 C.  $Z = M - T$   
 D.  $Z = T - M$



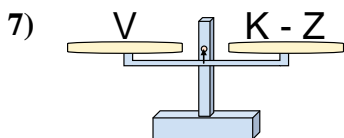
- A.  $Z = G - N$   
 B.  $Z = N + G$   
 C.  $Z = N - G$   
 D.  $Z = G + N$



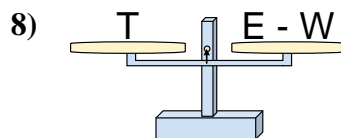
- A.  $K = M - G$   
 B.  $K = G - M$   
 C.  $K = M + G$   
 D.  $K = G + M$



- A.  $N = Y + M$   
 B.  $N = Y - M$   
 C.  $N = M - Y$   
 D.  $N = M + M$



- A.  $K = Z - V$   
 B.  $K = V - Z$   
 C.  $K = Z + V$   
 D.  $K = V + V$



- A.  $E = W - T$   
 B.  $E = T - W$   
 C.  $E = W + T$   
 D.  $E = T + T$

**Answers**

1.   **D**    
 2.   **D**    
 3.   **B**    
 4.   **A**    
 5.   **B**    
 6.   **A**    
 7.   **C**    
 8.   **C**