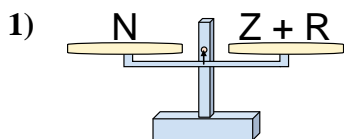
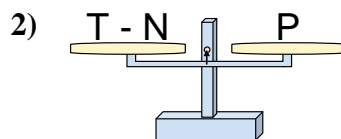




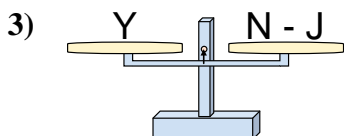
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

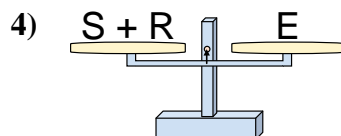
- A.  $Z = N - R$   
 B.  $Z = R + N$   
 C.  $Z = R - N$   
 D.  $Z = N + R$



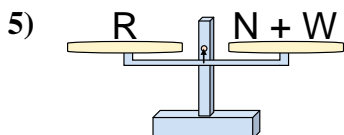
- A.  $T = P - N$   
 B.  $T = N - P$   
 C.  $T = N + P$   
 D.  $T = P + P$



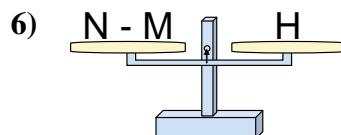
- A.  $N = J + Y$   
 B.  $N = Y + Y$   
 C.  $N = Y - J$   
 D.  $N = J - Y$



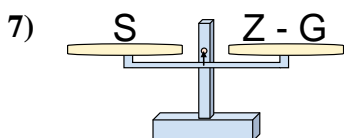
- A.  $S = R - E$   
 B.  $S = E - R$   
 C.  $S = E + R$   
 D.  $S = R + E$



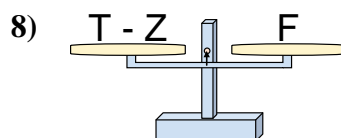
- A.  $N = R + W$   
 B.  $N = W + R$   
 C.  $N = R - W$   
 D.  $N = W - R$



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



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

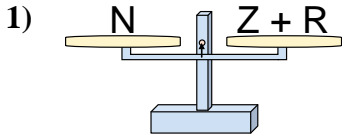


- A.  $T = Z + F$   
 B.  $T = F + F$   
 C.  $T = Z - F$   
 D.  $T = F - Z$

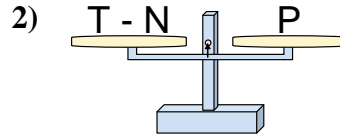
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



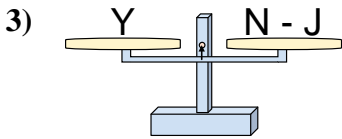
The scales shown are balanced. Determine which number sentence must be true.



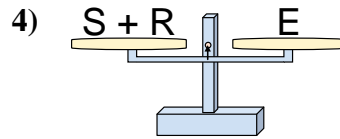
- A.  $Z = N - R$   
 B.  $Z = R + N$   
 C.  $Z = R - N$   
 D.  $Z = N + R$



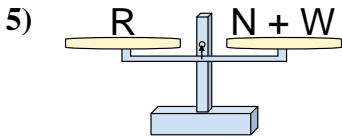
- A.  $T = P - N$   
 B.  $T = N - P$   
 C.  $T = N + P$   
 D.  $T = P + P$



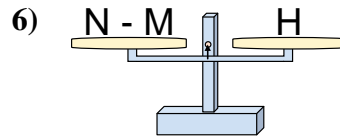
- A.  $N = J + Y$   
 B.  $N = Y + Y$   
 C.  $N = Y - J$   
 D.  $N = J - Y$



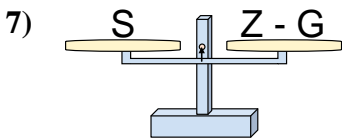
- A.  $S = R - E$   
 B.  $S = E - R$   
 C.  $S = E + R$   
 D.  $S = R + E$



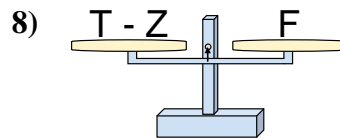
- A.  $N = R + W$   
 B.  $N = W + R$   
 C.  $N = R - W$   
 D.  $N = W - R$



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



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



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

**Answers**

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