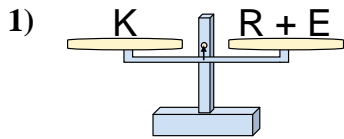
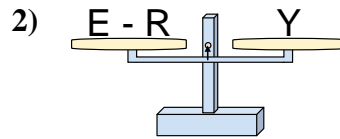




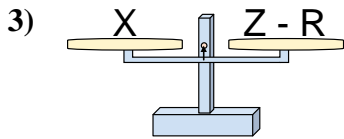
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

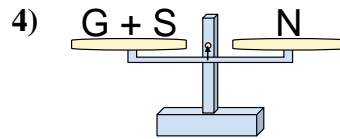
- A.  $R = E - K$   
 B.  $R = E + K$   
 C.  $R = K + E$   
 D.  $R = K - E$



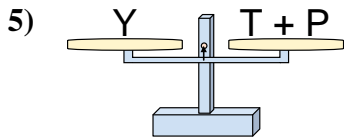
- A.  $E = Y + Y$   
 B.  $E = R + Y$   
 C.  $E = R - Y$   
 D.  $E = Y - R$



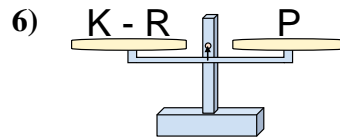
- A.  $Z = R - X$   
 B.  $Z = X + X$   
 C.  $Z = X - R$   
 D.  $Z = R + X$



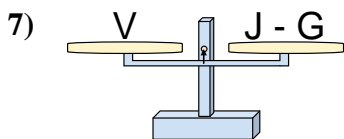
- A.  $G = S + N$   
 B.  $G = N + S$   
 C.  $G = S - N$   
 D.  $G = N - S$



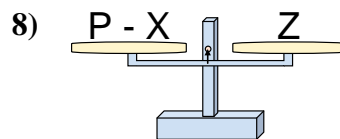
- A.  $T = P + Y$   
 B.  $T = P - Y$   
 C.  $T = Y - P$   
 D.  $T = Y + P$



- A.  $K = P + P$   
 B.  $K = R - P$   
 C.  $K = R + P$   
 D.  $K = P - R$



- A.  $J = G - V$   
 B.  $J = G + V$   
 C.  $J = V - G$   
 D.  $J = V + V$

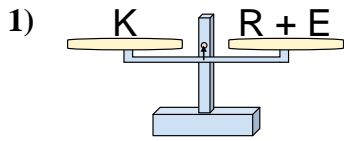


- A.  $P = X - Z$   
 B.  $P = X + Z$   
 C.  $P = Z + Z$   
 D.  $P = Z - X$

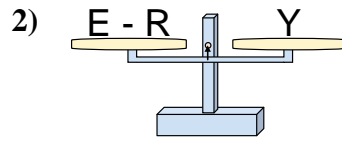
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



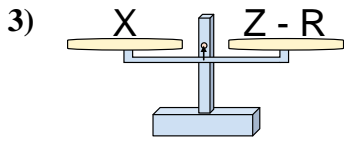
The scales shown are balanced. Determine which number sentence must be true.



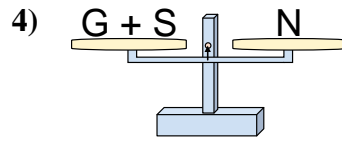
- A.  $R = E - K$   
 B.  $R = E + K$   
 C.  $R = K + E$   
 D.  $R = K - E$



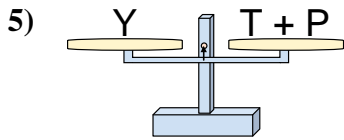
- A.  $E = Y + Y$   
 B.  $E = R + Y$   
 C.  $E = R - Y$   
 D.  $E = Y - R$



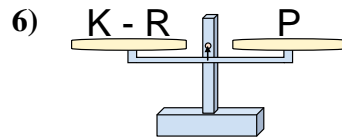
- A.  $Z = R - X$   
 B.  $Z = X + X$   
 C.  $Z = X - R$   
 D.  $Z = R + X$



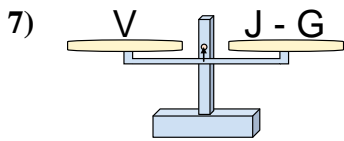
- A.  $G = S + N$   
 B.  $G = N + S$   
 C.  $G = S - N$   
 D.  $G = N - S$



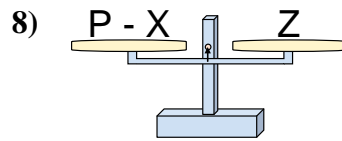
- A.  $T = P + Y$   
 B.  $T = P - Y$   
 C.  $T = Y - P$   
 D.  $T = Y + P$



- A.  $K = P + P$   
 B.  $K = R - P$   
 C.  $K = R + P$   
 D.  $K = P - R$



- A.  $J = G - V$   
 B.  $J = G + V$   
 C.  $J = V - G$   
 D.  $J = V + V$



- A.  $P = X - Z$   
 B.  $P = X + Z$   
 C.  $P = Z + Z$   
 D.  $P = Z - X$

**Answers**

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