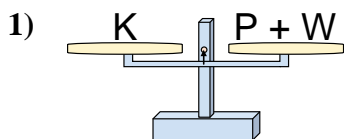
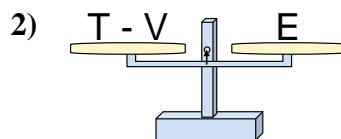




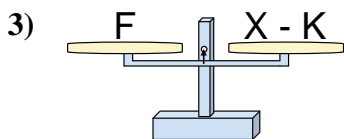
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

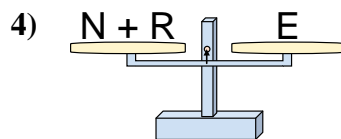
- A.  $P = W + K$   
 B.  $P = K - W$   
 C.  $P = K + W$   
 D.  $P = W - K$



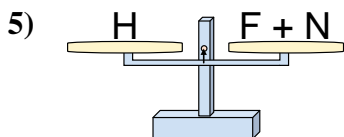
- A.  $T = E + E$   
 B.  $T = V - E$   
 C.  $T = E - V$   
 D.  $T = V + E$



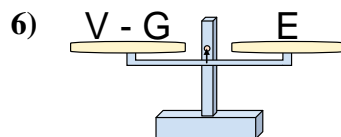
- A.  $X = K + F$   
 B.  $X = F + F$   
 C.  $X = F - K$   
 D.  $X = K - F$



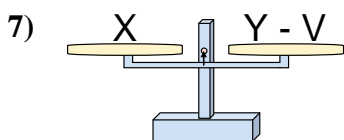
- A.  $N = E - R$   
 B.  $N = R + E$   
 C.  $N = E + R$   
 D.  $N = R - E$



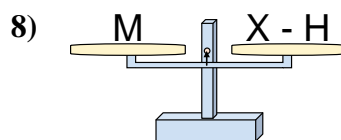
- A.  $F = N + H$   
 B.  $F = N - H$   
 C.  $F = H + N$   
 D.  $F = H - N$



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



- A.  $Y = V - X$   
 B.  $Y = X - V$   
 C.  $Y = X + X$   
 D.  $Y = V + X$

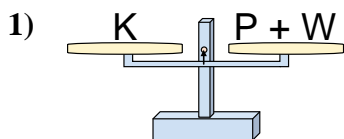


- A.  $X = M - H$   
 B.  $X = M + M$   
 C.  $X = H - M$   
 D.  $X = H + M$

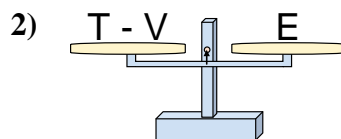
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



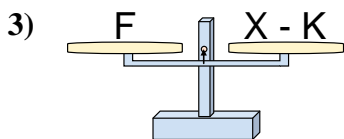
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

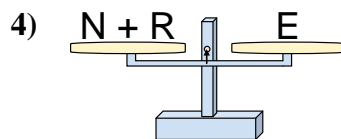
- A.  $P = W + K$   
 B.  $P = K - W$   
 C.  $P = K + W$   
 D.  $P = W - K$



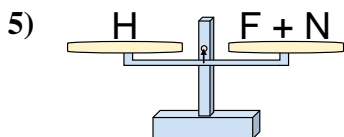
- A.  $T = E + E$   
 B.  $T = V - E$   
 C.  $T = E - V$   
 D.  $T = V + E$



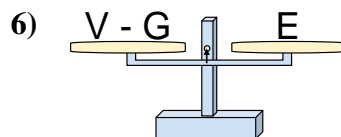
- A.  $X = K + F$   
 B.  $X = F + F$   
 C.  $X = F - K$   
 D.  $X = K - F$



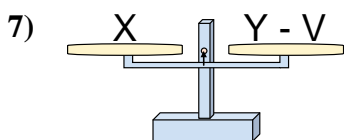
- A.  $N = E - R$   
 B.  $N = R + E$   
 C.  $N = E + R$   
 D.  $N = R - E$



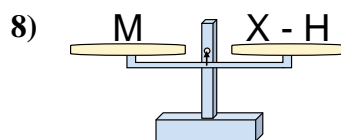
- A.  $F = N + H$   
 B.  $F = N - H$   
 C.  $F = H + N$   
 D.  $F = H - N$



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



- A.  $Y = V - X$   
 B.  $Y = X - V$   
 C.  $Y = X + X$   
 D.  $Y = V + X$



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

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