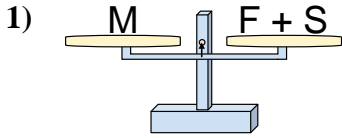
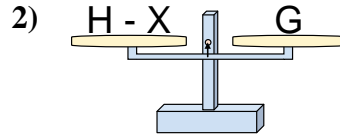




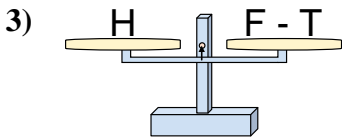
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

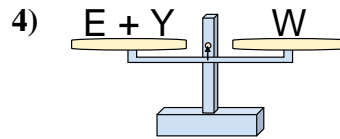
- A.  $F = S - M$   
 B.  $F = S + M$   
 C.  $F = M - S$   
 D.  $F = M + S$



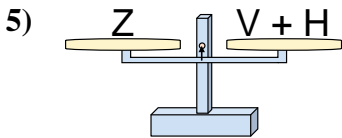
- A.  $H = G + G$   
 B.  $H = X - G$   
 C.  $H = X + G$   
 D.  $H = G - X$



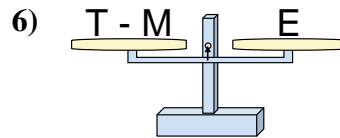
- A.  $F = H - T$   
 B.  $F = T - H$   
 C.  $F = T + H$   
 D.  $F = H + H$



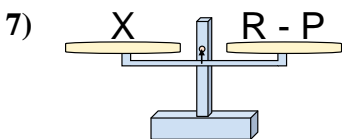
- A.  $E = Y - W$   
 B.  $E = Y + W$   
 C.  $E = W - Y$   
 D.  $E = W + Y$



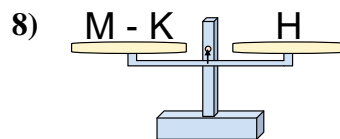
- A.  $V = Z + H$   
 B.  $V = H - Z$   
 C.  $V = Z - H$   
 D.  $V = H + Z$



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



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

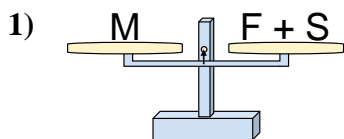


- A.  $M = H - K$   
 B.  $M = K - H$   
 C.  $M = H + H$   
 D.  $M = K + H$

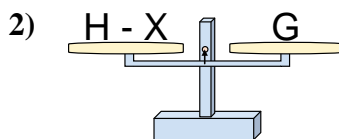
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



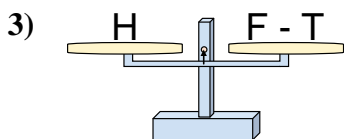
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

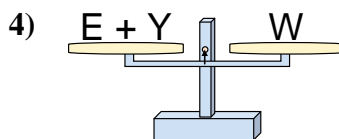
- A.  $F = S - M$   
 B.  $F = S + M$   
 C.  $F = M - S$   
 D.  $F = M + S$



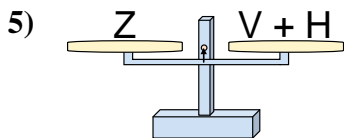
- A.  $H = G + G$   
 B.  $H = X - G$   
 C.  $H = X + G$   
 D.  $H = G - X$



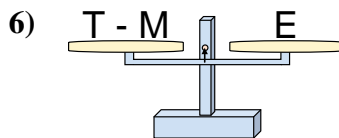
- A.  $F = H - T$   
 B.  $F = T - H$   
 C.  $F = T + H$   
 D.  $F = H + H$



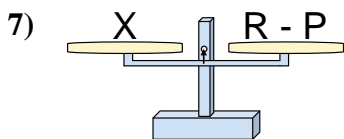
- A.  $E = Y - W$   
 B.  $E = Y + W$   
 C.  $E = W - Y$   
 D.  $E = W + Y$



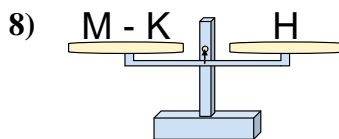
- A.  $V = Z + H$   
 B.  $V = H - Z$   
 C.  $V = Z - H$   
 D.  $V = H + Z$



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



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



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

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