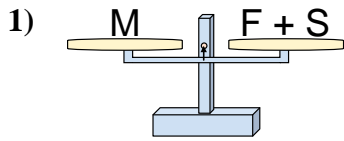
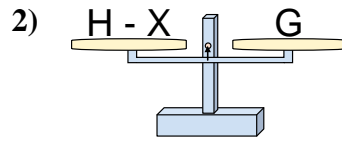




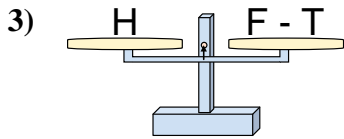
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

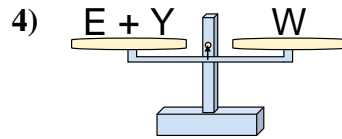
- A.  $F = S - M$   
 B.  $F = S + M$   
 C.  $F = M - S$   
 D.  $F = M + S$



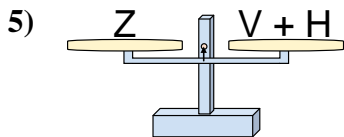
- A.  $H = G + G$   
 B.  $H = X - G$   
 C.  $H = X + G$   
 D.  $H = G - X$



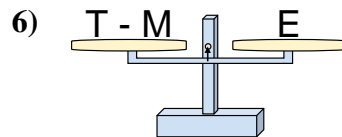
- A.  $F = H - T$   
 B.  $F = T - H$   
 C.  $F = T + H$   
 D.  $F = H + H$



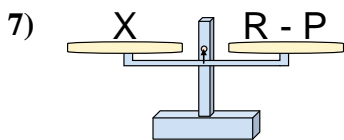
- A.  $E = Y - W$   
 B.  $E = Y + W$   
 C.  $E = W - Y$   
 D.  $E = W + Y$



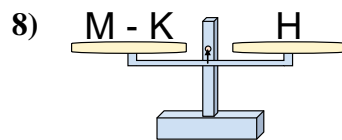
- A.  $V = Z + H$   
 B.  $V = H - Z$   
 C.  $V = Z - H$   
 D.  $V = H + Z$



- 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.  $R = X + X$

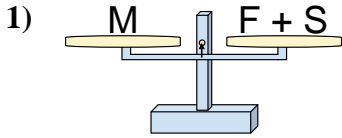


- A.  $M = H - K$   
 B.  $M = K - H$   
 C.  $M = H + H$   
 D.  $M = K + H$

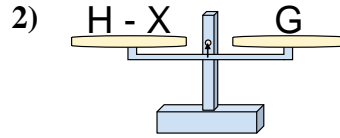
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



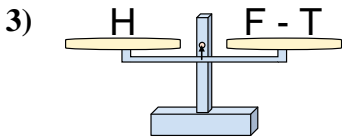
The scales shown are balanced. Determine which number sentence must be true.



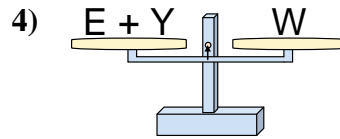
- A.  $F = S - M$
- B.  $F = S + M$
- C.  $F = M - S$
- D.  $F = M + S$



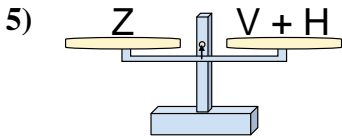
- A.  $H = G + G$
- B.  $H = X - G$
- C.  $H = X + G$
- D.  $H = G - X$



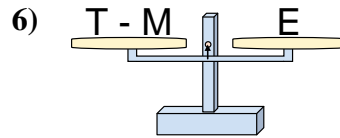
- A.  $F = H - T$
- B.  $F = T - H$
- C.  $F = T + H$
- D.  $F = H + H$



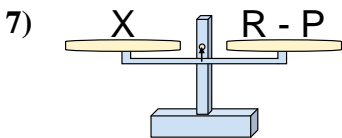
- A.  $E = Y - W$
- B.  $E = Y + W$
- C.  $E = W - Y$
- D.  $E = W + Y$



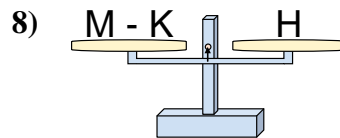
- A.  $V = Z + H$
- B.  $V = H - Z$
- C.  $V = Z - H$
- D.  $V = H + Z$



- 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.  $M = K + H$

**Answers**

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