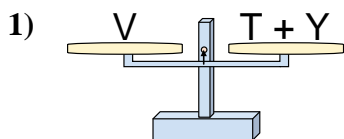
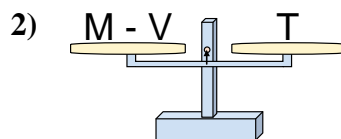




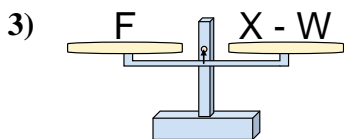
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

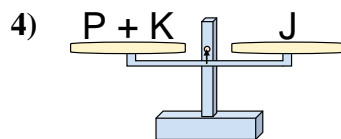
- A.  $T = Y - V$
- B.  $T = V - Y$
- C.  $T = Y + V$
- D.  $T = V + Y$



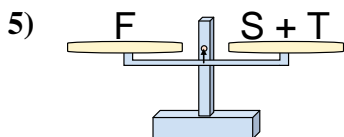
- A.  $M = T + T$
- B.  $M = T - V$
- C.  $M = V + T$
- D.  $M = V - T$



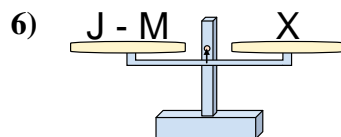
- A.  $X = W - F$
- B.  $X = W + F$
- C.  $X = F - W$
- D.  $X = F + F$



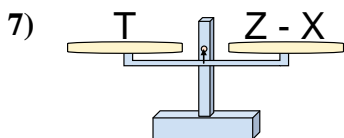
- A.  $P = K - J$
- B.  $P = K + J$
- C.  $P = J + K$
- D.  $P = J - K$



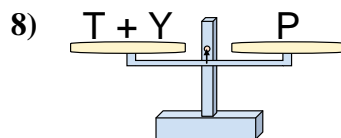
- A.  $S = F - T$
- B.  $S = T - F$
- C.  $S = T + F$
- D.  $S = F + T$



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



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

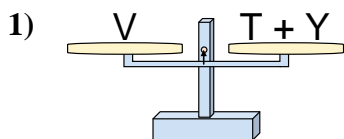


- A.  $T = Y - P$
- B.  $T = Y + P$
- C.  $T = P + Y$
- D.  $T = P - Y$

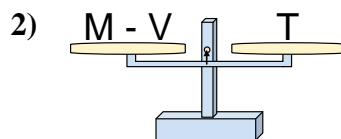
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



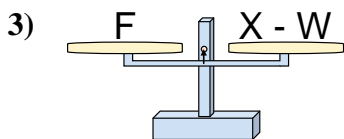
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

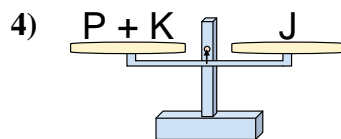
- A.  $T = Y - V$   
 B.  $T = V - Y$   
 C.  $T = Y + V$   
 D.  $T = V + Y$



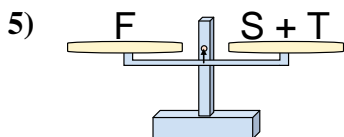
- A.  $M = T + T$   
 B.  $M = T - V$   
 C.  $M = V + T$   
 D.  $M = V - T$



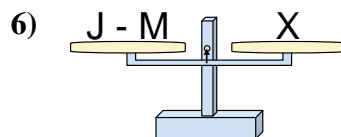
- A.  $X = W - F$   
 B.  $X = W + F$   
 C.  $X = F - W$   
 D.  $X = F + F$



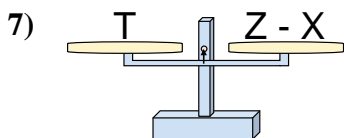
- A.  $P = K - J$   
 B.  $P = K + J$   
 C.  $P = J + K$   
 D.  $P = J - K$



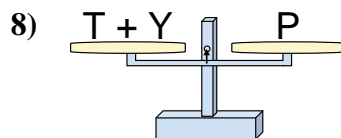
- A.  $S = F - T$   
 B.  $S = T - F$   
 C.  $S = T + F$   
 D.  $S = F + T$



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



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



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

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