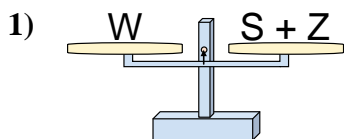
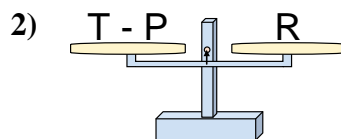




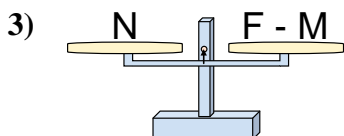
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

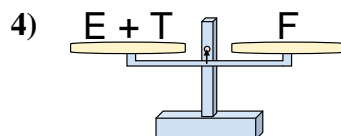
- A.  $S = W + Z$   
 B.  $S = Z + W$   
 C.  $S = Z - W$   
 D.  $S = W - Z$



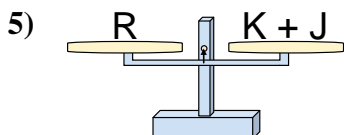
- A.  $T = P - R$   
 B.  $T = R - P$   
 C.  $T = P + R$   
 D.  $T = R + R$



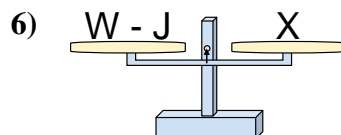
- A.  $F = M + N$   
 B.  $F = M - N$   
 C.  $F = N - M$   
 D.  $F = N + N$



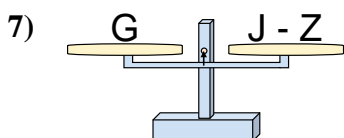
- A.  $E = T + F$   
 B.  $E = F - T$   
 C.  $E = T - F$   
 D.  $E = F + T$



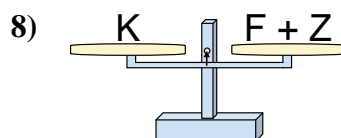
- A.  $K = J - R$   
 B.  $K = J + R$   
 C.  $K = R - J$   
 D.  $K = R + J$



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



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

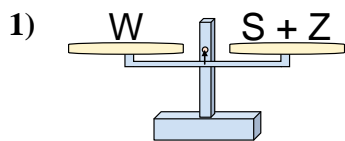


- A.  $F = Z - K$   
 B.  $F = K - Z$   
 C.  $F = Z + K$   
 D.  $F = K + Z$

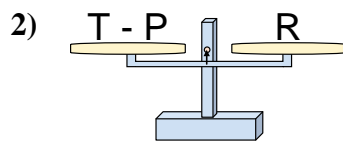
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



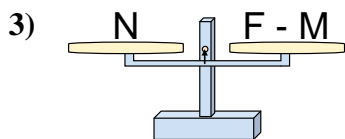
The scales shown are balanced. Determine which number sentence must be true.



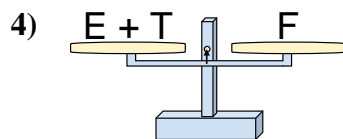
- A.  $S = W + Z$
- B.  $S = Z + W$
- C.  $S = Z - W$
- D.  $S = W - Z$



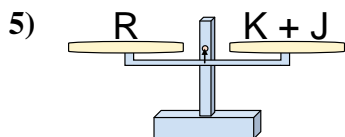
- A.  $T = P - R$
- B.  $T = R - P$
- C.  $T = P + R$
- D.  $T = R + R$



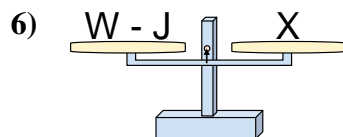
- A.  $F = M + N$
- B.  $F = M - N$
- C.  $F = N - M$
- D.  $F = N + N$



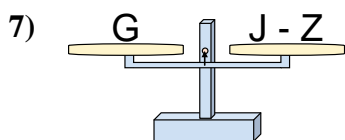
- A.  $E = T + F$
- B.  $E = F - T$
- C.  $E = T - F$
- D.  $E = F + T$



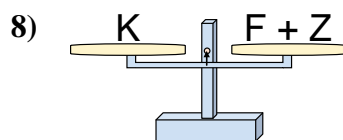
- A.  $K = J - R$
- B.  $K = J + R$
- C.  $K = R - J$
- D.  $K = R + J$



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



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



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

**Answers**

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