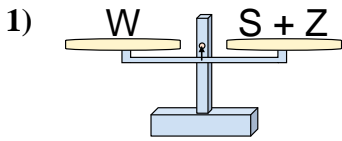
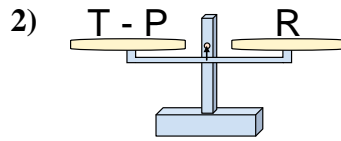




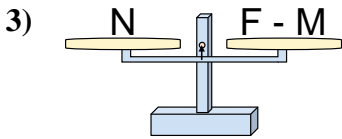
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

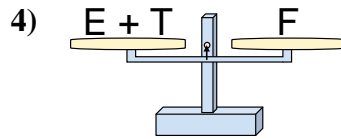
- A.  $S = W + Z$   
 B.  $S = Z + W$   
 C.  $S = Z - W$   
 D.  $S = W - Z$



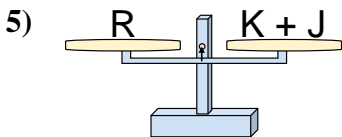
- A.  $T = P - R$   
 B.  $T = R - P$   
 C.  $T = P + R$   
 D.  $T = R + R$



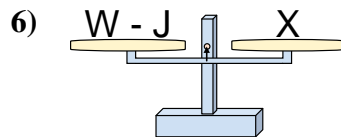
- A.  $F = M + N$   
 B.  $F = M - N$   
 C.  $F = N - M$   
 D.  $F = N + N$



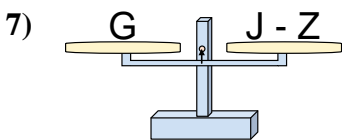
- A.  $E = T + F$   
 B.  $E = F - T$   
 C.  $E = T - F$   
 D.  $E = F + T$



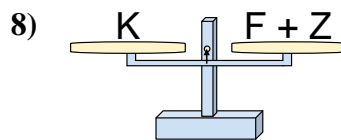
- A.  $K = J - R$   
 B.  $K = J + R$   
 C.  $K = R - J$   
 D.  $K = R + J$



- 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.  $J = G + G$

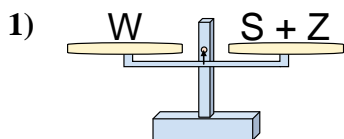


- A.  $F = Z - K$   
 B.  $F = K - Z$   
 C.  $F = Z + K$   
 D.  $F = K + Z$

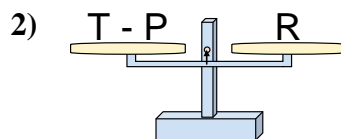
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



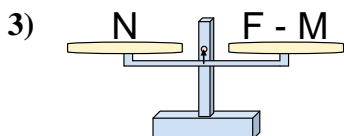
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

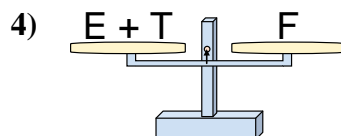
- A.  $S = W + Z$   
 B.  $S = Z + W$   
 C.  $S = Z - W$   
 D.  $S = W - Z$



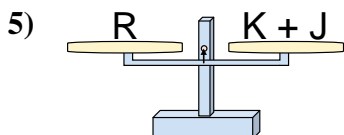
- A.  $T = P - R$   
 B.  $T = R - P$   
 C.  $T = P + R$   
 D.  $T = R + R$



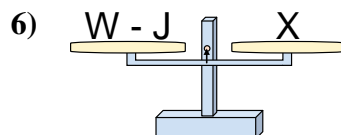
- A.  $F = M + N$   
 B.  $F = M - N$   
 C.  $F = N - M$   
 D.  $F = N + N$



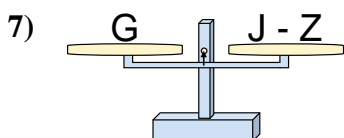
- A.  $E = T + F$   
 B.  $E = F - T$   
 C.  $E = T - F$   
 D.  $E = F + T$



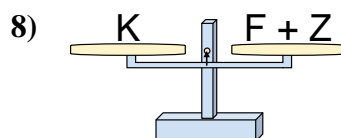
- A.  $K = J - R$   
 B.  $K = J + R$   
 C.  $K = R - J$   
 D.  $K = R + J$



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