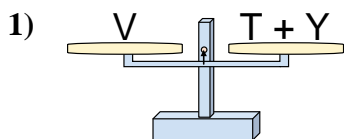
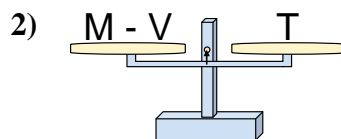




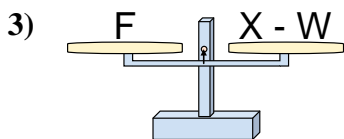
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

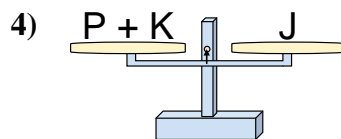
- A.  $T = Y - V$   
 B.  $T = V - Y$   
 C.  $T = Y + V$   
 D.  $T = V + Y$



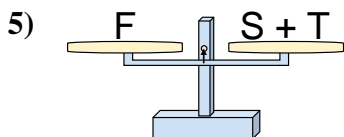
- A.  $M = T + T$   
 B.  $M = T - V$   
 C.  $M = V + T$   
 D.  $M = V - T$



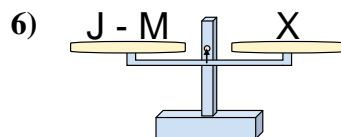
- A.  $X = W - F$   
 B.  $X = W + F$   
 C.  $X = F - W$   
 D.  $X = F + F$



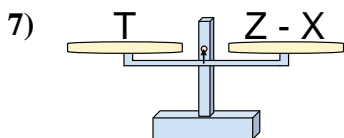
- A.  $P = K - J$   
 B.  $P = K + J$   
 C.  $P = J + K$   
 D.  $P = J - K$



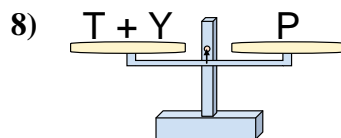
- A.  $S = F - T$   
 B.  $S = T - F$   
 C.  $S = T + F$   
 D.  $S = F + T$



- 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.  $Z = X - T$

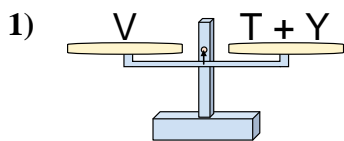


- A.  $T = Y - P$   
 B.  $T = Y + P$   
 C.  $T = P + Y$   
 D.  $T = P - Y$

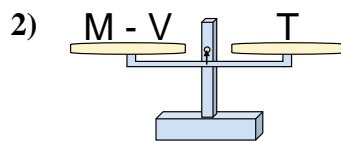
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



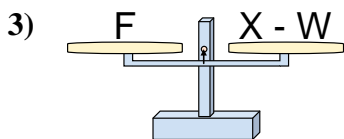
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

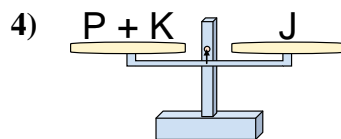
- A.  $T = Y - V$   
 B.  $T = V - Y$   
 C.  $T = Y + V$   
 D.  $T = V + Y$



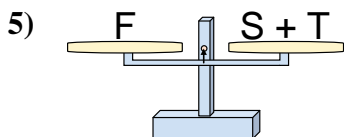
- A.  $M = T + T$   
 B.  $M = T - V$   
 C.  $M = V + T$   
 D.  $M = V - T$



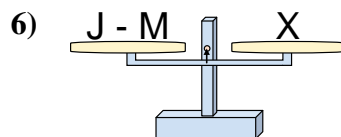
- A.  $X = W - F$   
 B.  $X = W + F$   
 C.  $X = F - W$   
 D.  $X = F + F$



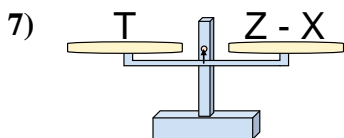
- A.  $P = K - J$   
 B.  $P = K + J$   
 C.  $P = J + K$   
 D.  $P = J - K$



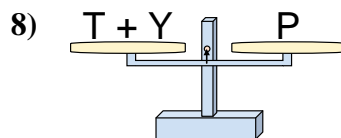
- A.  $S = F - T$   
 B.  $S = T - F$   
 C.  $S = T + F$   
 D.  $S = F + T$



- 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.  $Z = X - T$

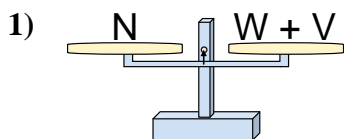


- A.  $T = Y - P$   
 B.  $T = Y + P$   
 C.  $T = P + Y$   
 D.  $T = P - Y$

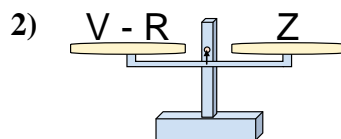
1.   **B**    
 2.   **C**    
 3.   **B**    
 4.   **D**    
 5.   **A**    
 6.   **A**    
 7.   **C**    
 8.   **D**



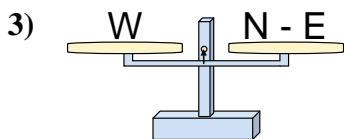
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

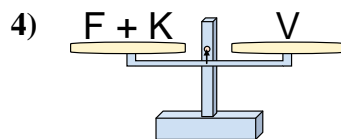
- A.  $W = N - V$
- B.  $W = V - N$
- C.  $W = V + N$
- D.  $W = N + V$



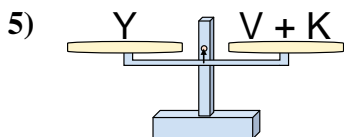
- A.  $V = R - Z$
- B.  $V = Z + Z$
- C.  $V = Z - R$
- D.  $V = R + Z$



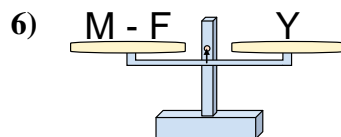
- A.  $N = W + W$
- B.  $N = E + W$
- C.  $N = W - E$
- D.  $N = E - W$



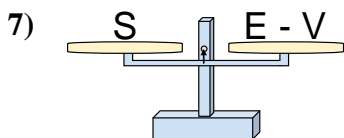
- A.  $F = K + V$
- B.  $F = V + K$
- C.  $F = V - K$
- D.  $F = K - V$



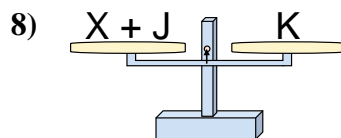
- A.  $V = Y + K$
- B.  $V = K + Y$
- C.  $V = K - Y$
- D.  $V = Y - K$



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



- A.  $E = V + S$
- B.  $E = S - V$
- C.  $E = V - S$
- D.  $E = S + S$

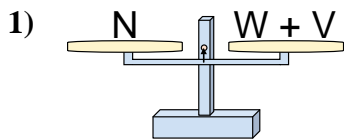


- A.  $X = J - K$
- B.  $X = J + K$
- C.  $X = K - J$
- D.  $X = K + J$

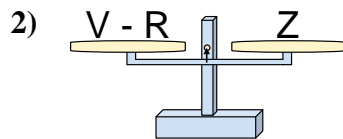
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



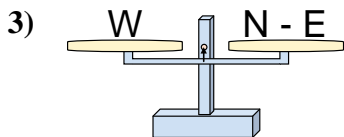
The scales shown are balanced. Determine which number sentence must be true.



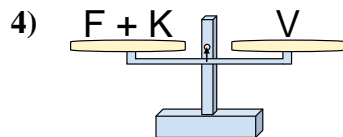
- A.  $W = N - V$
- B.  $W = V - N$
- C.  $W = V + N$
- D.  $W = N + V$



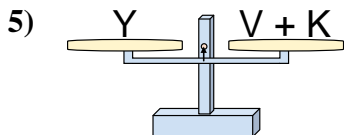
- A.  $V = R - Z$
- B.  $V = Z + Z$
- C.  $V = Z - R$
- D.  $V = R + Z$



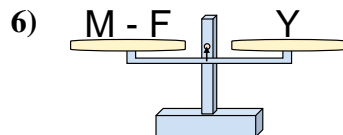
- A.  $N = W + W$
- B.  $N = E + W$
- C.  $N = W - E$
- D.  $N = E - W$



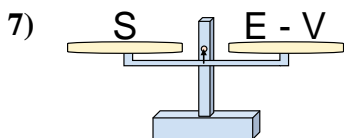
- A.  $F = K + V$
- B.  $F = V + K$
- C.  $F = V - K$
- D.  $F = K - V$



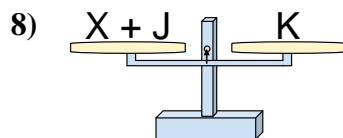
- A.  $V = Y + K$
- B.  $V = K + Y$
- C.  $V = K - Y$
- D.  $V = Y - K$



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



- A.  $E = V + S$
- B.  $E = S - V$
- C.  $E = V - S$
- D.  $E = S + S$



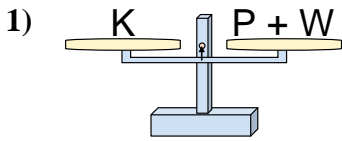
- A.  $X = J - K$
- B.  $X = J + K$
- C.  $X = K - J$
- D.  $X = K + J$

**Answers**

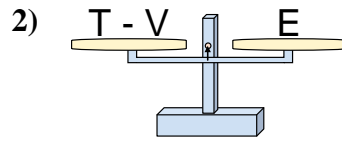
1.   **A**
2.   **D**
3.   **B**
4.   **C**
5.   **D**
6.   **B**
7.   **A**
8.   **C**



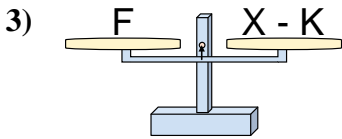
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

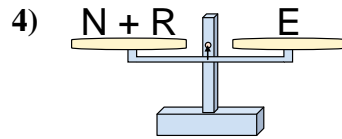
- A.  $P = W + K$   
 B.  $P = K - W$   
 C.  $P = K + W$   
 D.  $P = W - K$



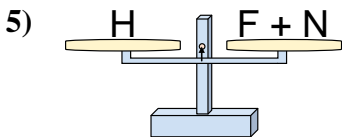
- A.  $T = E + E$   
 B.  $T = V - E$   
 C.  $T = E - V$   
 D.  $T = V + E$



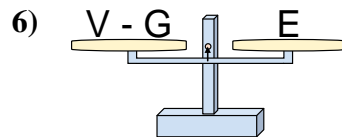
- A.  $X = K + F$   
 B.  $X = F + F$   
 C.  $X = F - K$   
 D.  $X = K - F$



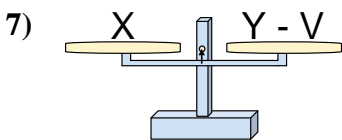
- A.  $N = E - R$   
 B.  $N = R + E$   
 C.  $N = E + R$   
 D.  $N = R - E$



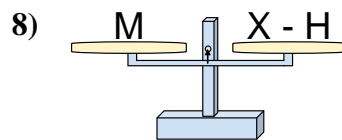
- A.  $F = N + H$   
 B.  $F = N - H$   
 C.  $F = H + N$   
 D.  $F = H - N$



- A.  $V = G - E$   
 B.  $V = E + E$   
 C.  $V = G + E$   
 D.  $V = E - G$



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

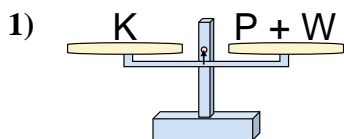


- A.  $X = M - H$   
 B.  $X = M + M$   
 C.  $X = H - M$   
 D.  $X = H + M$

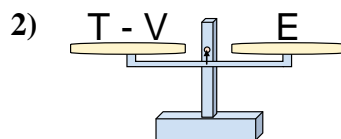
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



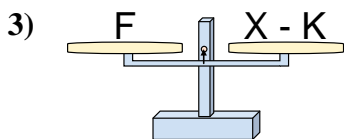
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

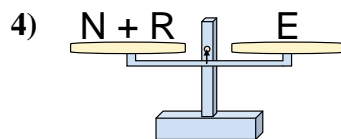
- A.  $P = W + K$   
 B.  $P = K - W$   
 C.  $P = K + W$   
 D.  $P = W - K$



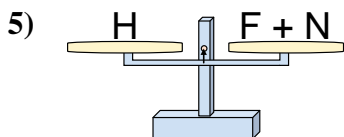
- A.  $T = E + E$   
 B.  $T = V - E$   
 C.  $T = E - V$   
 D.  $T = V + E$



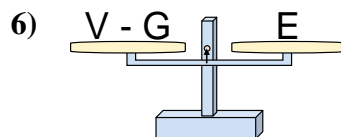
- A.  $X = K + F$   
 B.  $X = F + F$   
 C.  $X = F - K$   
 D.  $X = K - F$



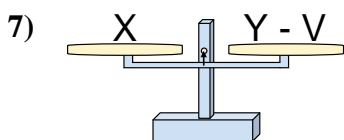
- A.  $N = E - R$   
 B.  $N = R + E$   
 C.  $N = E + R$   
 D.  $N = R - E$



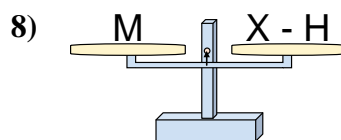
- A.  $F = N + H$   
 B.  $F = N - H$   
 C.  $F = H + N$   
 D.  $F = H - N$



- A.  $V = G - E$   
 B.  $V = E + E$   
 C.  $V = G + E$   
 D.  $V = E - G$



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

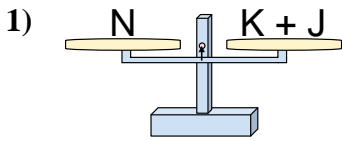


- A.  $X = M - H$   
 B.  $X = M + M$   
 C.  $X = H - M$   
 D.  $X = H + M$

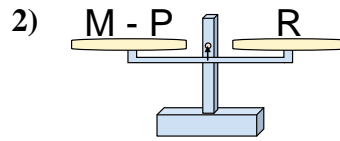
1.   **B**    
 2.   **D**    
 3.   **A**    
 4.   **A**    
 5.   **D**    
 6.   **C**    
 7.   **D**    
 8.   **D**



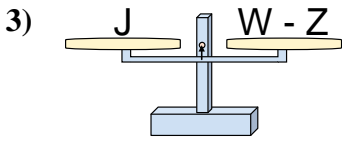
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

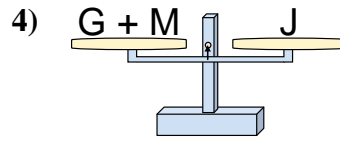
- A.  $K = J - N$   
 B.  $K = N - J$   
 C.  $K = N + J$   
 D.  $K = J + N$



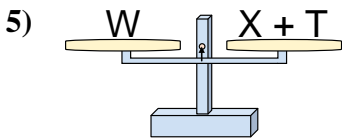
- A.  $M = P + R$   
 B.  $M = R - P$   
 C.  $M = P - R$   
 D.  $M = R + R$



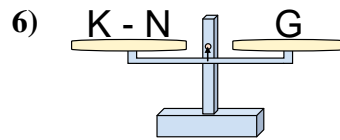
- A.  $W = Z - J$   
 B.  $W = J + J$   
 C.  $W = Z + J$   
 D.  $W = J - Z$



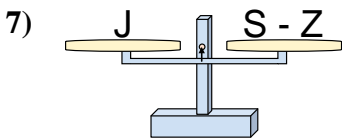
- A.  $G = M + J$   
 B.  $G = M - J$   
 C.  $G = J - M$   
 D.  $G = J + M$



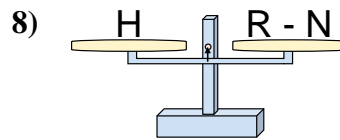
- A.  $X = T - W$   
 B.  $X = W + T$   
 C.  $X = T + W$   
 D.  $X = W - T$



- A.  $K = G - N$   
 B.  $K = G + G$   
 C.  $K = N + G$   
 D.  $K = N - G$



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

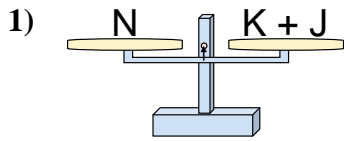


- A.  $R = N - H$   
 B.  $R = H - N$   
 C.  $R = H + H$   
 D.  $R = N + H$

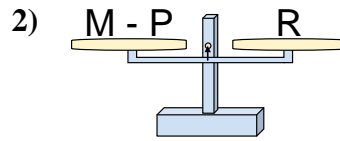
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



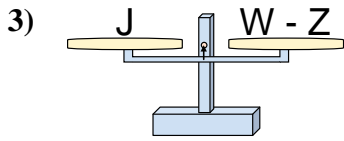
The scales shown are balanced. Determine which number sentence must be true.



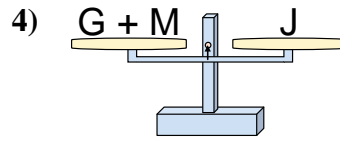
- A.  $K = J - N$
- B.  $K = N - J$
- C.  $K = N + J$
- D.  $K = J + N$



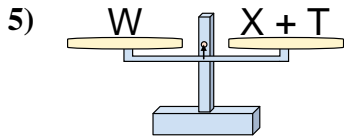
- A.  $M = P + R$
- B.  $M = R - P$
- C.  $M = P - R$
- D.  $M = R + R$



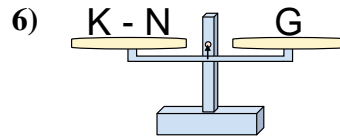
- A.  $W = Z - J$
- B.  $W = J + J$
- C.  $W = Z + J$
- D.  $W = J - Z$



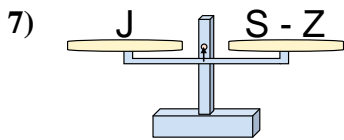
- A.  $G = M + J$
- B.  $G = M - J$
- C.  $G = J - M$
- D.  $G = J + M$



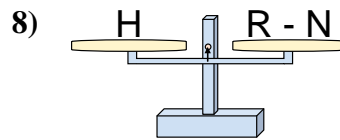
- A.  $X = T - W$
- B.  $X = W + T$
- C.  $X = T + W$
- D.  $X = W - T$



- A.  $K = G - N$
- B.  $K = G + G$
- C.  $K = N + G$
- D.  $K = N - G$



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



- A.  $R = N - H$
- B.  $R = H - N$
- C.  $R = H + H$
- D.  $R = N + H$

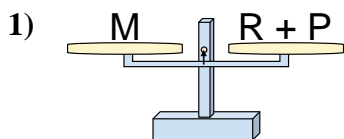
**Answers**

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

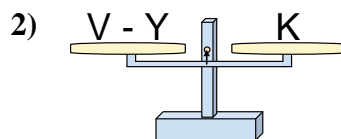




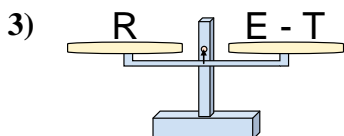
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

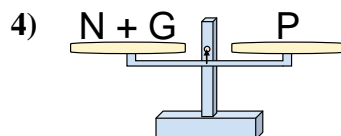
- A.  $R = P + M$   
 B.  $R = M - P$   
 C.  $R = P - M$   
 D.  $R = M + P$



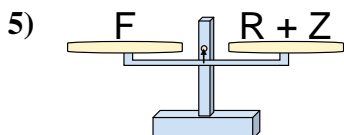
- A.  $V = K - Y$   
 B.  $V = Y + K$   
 C.  $V = K + K$   
 D.  $V = Y - K$



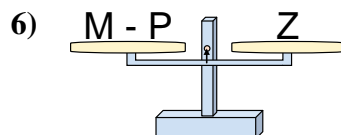
- A.  $E = T + R$   
 B.  $E = T - R$   
 C.  $E = R + R$   
 D.  $E = R - T$



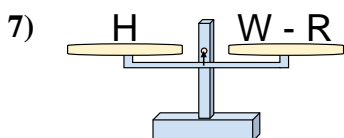
- A.  $N = P - G$   
 B.  $N = P + G$   
 C.  $N = G - P$   
 D.  $N = G + P$



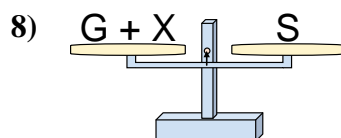
- A.  $R = F - Z$   
 B.  $R = Z + F$   
 C.  $R = F + Z$   
 D.  $R = Z - F$



- A.  $M = P + Z$   
 B.  $M = P - Z$   
 C.  $M = Z + Z$   
 D.  $M = Z - P$



- A.  $W = H - R$   
 B.  $W = R + H$   
 C.  $W = H + H$   
 D.  $W = R - H$

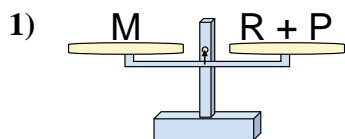


- A.  $G = S - X$   
 B.  $G = X + S$   
 C.  $G = S + X$   
 D.  $G = X - S$

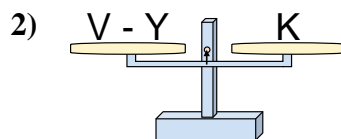
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



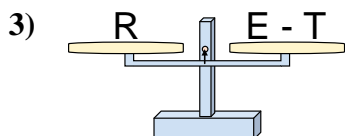
The scales shown are balanced. Determine which number sentence must be true.



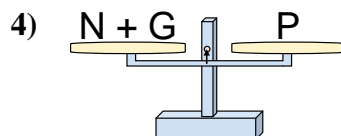
- A.  $R = P + M$
- B.  $R = M - P$
- C.  $R = P - M$
- D.  $R = M + P$



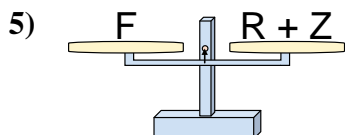
- A.  $V = K - Y$
- B.  $V = Y + K$
- C.  $V = K + K$
- D.  $V = Y - K$



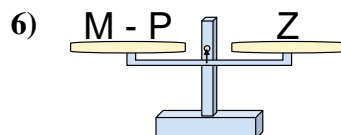
- A.  $E = T + R$
- B.  $E = T - R$
- C.  $E = R + R$
- D.  $E = R - T$



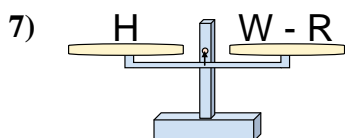
- A.  $N = P - G$
- B.  $N = P + G$
- C.  $N = G - P$
- D.  $N = G + P$



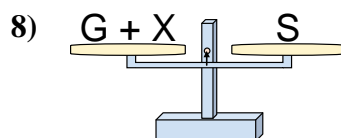
- A.  $R = F - Z$
- B.  $R = Z + F$
- C.  $R = F + Z$
- D.  $R = Z - F$



- A.  $M = P + Z$
- B.  $M = P - Z$
- C.  $M = Z + Z$
- D.  $M = Z - P$



- A.  $W = H - R$
- B.  $W = R + H$
- C.  $W = H + H$
- D.  $W = R - H$



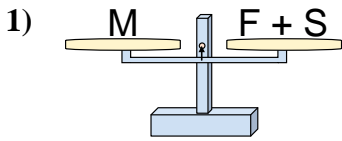
- A.  $G = S - X$
- B.  $G = X + S$
- C.  $G = S + X$
- D.  $G = X - S$

**Answers**

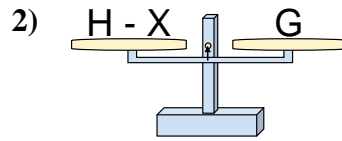
1.     **B**
2.     **B**
3.     **A**
4.     **A**
5.     **A**
6.     **A**
7.     **B**
8.     **A**



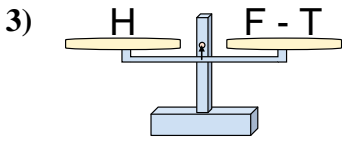
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

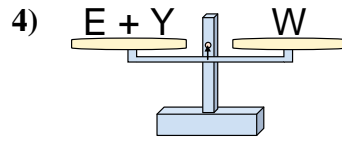
- A.  $F = S - M$   
 B.  $F = S + M$   
 C.  $F = M - S$   
 D.  $F = M + S$



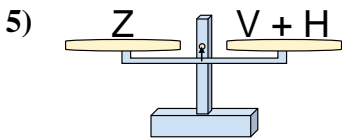
- A.  $H = G + G$   
 B.  $H = X - G$   
 C.  $H = X + G$   
 D.  $H = G - X$



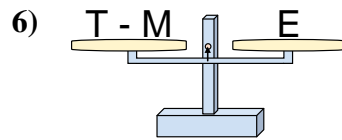
- A.  $F = H - T$   
 B.  $F = T - H$   
 C.  $F = T + H$   
 D.  $F = H + H$



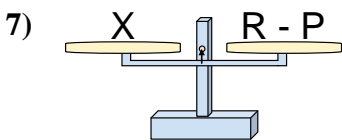
- A.  $E = Y - W$   
 B.  $E = Y + W$   
 C.  $E = W - Y$   
 D.  $E = W + Y$



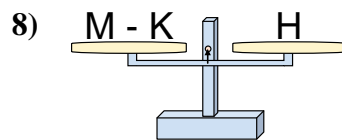
- A.  $V = Z + H$   
 B.  $V = H - Z$   
 C.  $V = Z - H$   
 D.  $V = H + Z$



- 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.  $R = X + X$

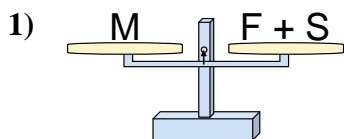


- A.  $M = H - K$   
 B.  $M = K - H$   
 C.  $M = H + H$   
 D.  $M = K + H$

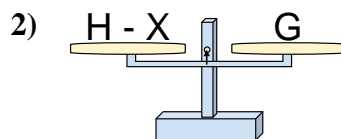
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



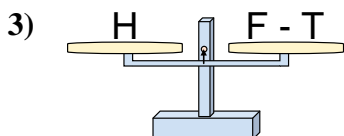
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

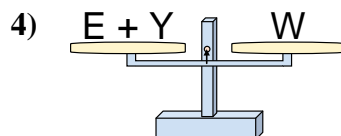
- A.  $F = S - M$   
 B.  $F = S + M$   
 C.  $F = M - S$   
 D.  $F = M + S$



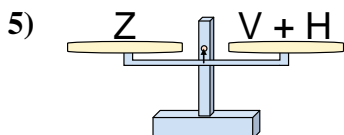
- A.  $H = G + G$   
 B.  $H = X - G$   
 C.  $H = X + G$   
 D.  $H = G - X$



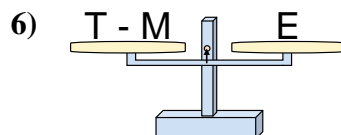
- A.  $F = H - T$   
 B.  $F = T - H$   
 C.  $F = T + H$   
 D.  $F = H + H$



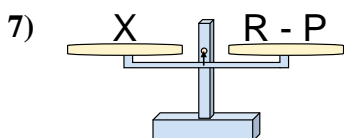
- A.  $E = Y - W$   
 B.  $E = Y + W$   
 C.  $E = W - Y$   
 D.  $E = W + Y$



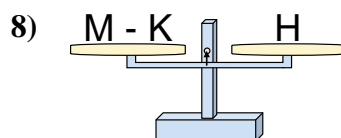
- A.  $V = Z + H$   
 B.  $V = H - Z$   
 C.  $V = Z - H$   
 D.  $V = H + Z$



- 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.  $R = X + X$

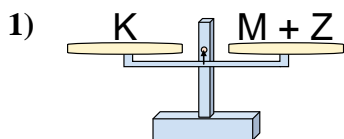


- A.  $M = H - K$   
 B.  $M = K - H$   
 C.  $M = H + H$   
 D.  $M = K + H$

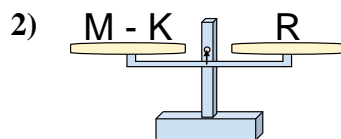
1. **C**2. **C**3. **C**4. **C**5. **C**6. **B**7. **A**8. **D**



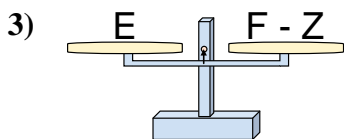
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

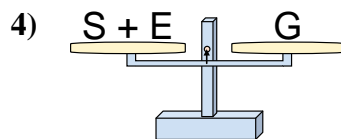
- A.  $M = Z + K$
- B.  $M = Z - K$
- C.  $M = K + Z$
- D.  $M = K - Z$



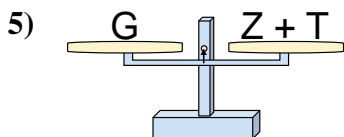
- A.  $M = R + R$
- B.  $M = K - R$
- C.  $M = R - K$
- D.  $M = K + R$



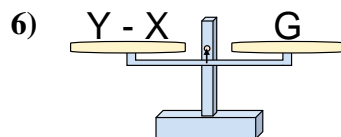
- A.  $F = Z - E$
- B.  $F = E + E$
- C.  $F = E - Z$
- D.  $F = Z + E$



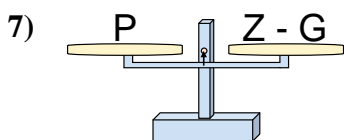
- A.  $S = G - E$
- B.  $S = G + E$
- C.  $S = E - G$
- D.  $S = E + G$



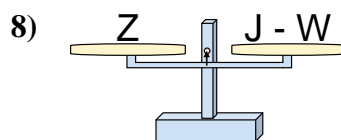
- A.  $Z = G - T$
- B.  $Z = G + T$
- C.  $Z = T + G$
- D.  $Z = T - G$



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



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

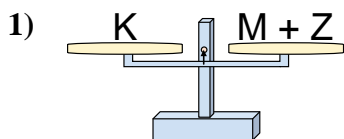


- A.  $J = Z + Z$
- B.  $J = W - Z$
- C.  $J = Z - W$
- D.  $J = W + Z$

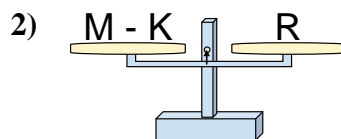
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



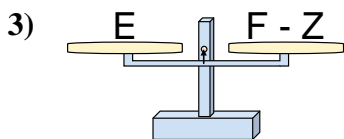
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

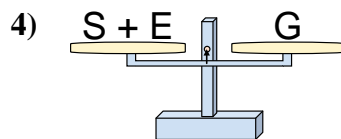
- A.  $M = Z + K$   
 B.  $M = Z - K$   
 C.  $M = K + Z$   
 D.  $M = K - Z$



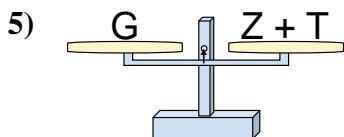
- A.  $M = R + R$   
 B.  $M = K - R$   
 C.  $M = R - K$   
 D.  $M = K + R$



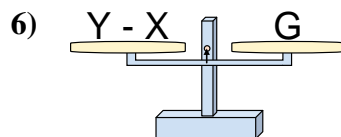
- A.  $F = Z - E$   
 B.  $F = E + E$   
 C.  $F = E - Z$   
 D.  $F = Z + E$



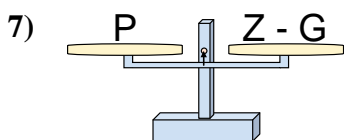
- A.  $S = G - E$   
 B.  $S = G + E$   
 C.  $S = E - G$   
 D.  $S = E + G$



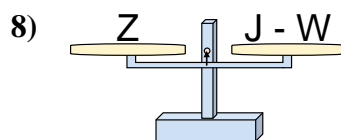
- A.  $Z = G - T$   
 B.  $Z = G + T$   
 C.  $Z = T + G$   
 D.  $Z = T - G$



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



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

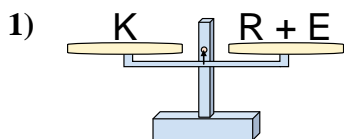


- A.  $J = Z + Z$   
 B.  $J = W - Z$   
 C.  $J = Z - W$   
 D.  $J = W + Z$

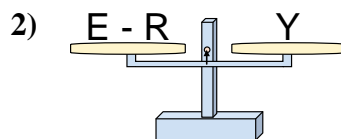
1. **D**2. **D**3. **D**4. **A**5. **A**6. **A**7. **C**8. **D**



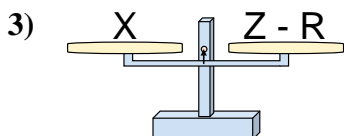
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

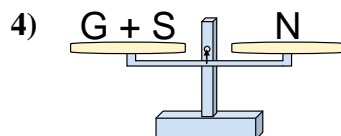
- A.  $R = E - K$   
 B.  $R = E + K$   
 C.  $R = K + E$   
 D.  $R = K - E$



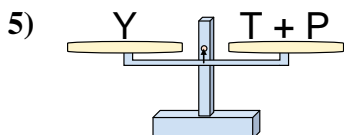
- A.  $E = Y + Y$   
 B.  $E = R + Y$   
 C.  $E = R - Y$   
 D.  $E = Y - R$



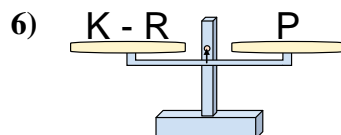
- A.  $Z = R - X$   
 B.  $Z = X + X$   
 C.  $Z = X - R$   
 D.  $Z = R + X$



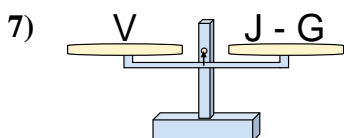
- A.  $G = S + N$   
 B.  $G = N + S$   
 C.  $G = S - N$   
 D.  $G = N - S$



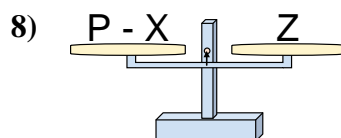
- A.  $T = P + Y$   
 B.  $T = P - Y$   
 C.  $T = Y - P$   
 D.  $T = Y + P$



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



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

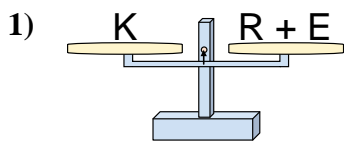


- A.  $P = X - Z$   
 B.  $P = X + Z$   
 C.  $P = Z + Z$   
 D.  $P = Z - X$

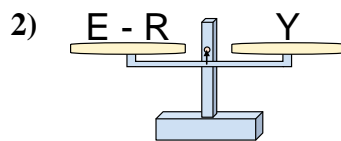
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



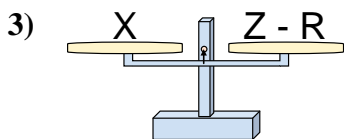
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

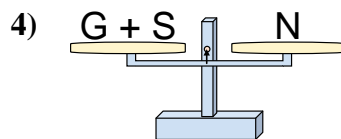
- A.  $R = E - K$   
 B.  $R = E + K$   
 C.  $R = K + E$   
 D.  $R = K - E$



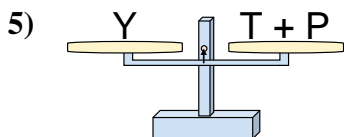
- A.  $E = Y + Y$   
 B.  $E = R + Y$   
 C.  $E = R - Y$   
 D.  $E = Y - R$



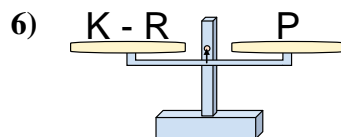
- A.  $Z = R - X$   
 B.  $Z = X + X$   
 C.  $Z = X - R$   
 D.  $Z = R + X$



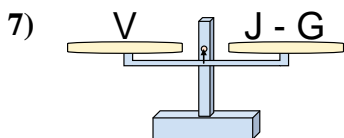
- A.  $G = S + N$   
 B.  $G = N + S$   
 C.  $G = S - N$   
 D.  $G = N - S$



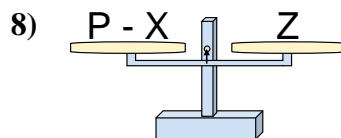
- A.  $T = P + Y$   
 B.  $T = P - Y$   
 C.  $T = Y - P$   
 D.  $T = Y + P$



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



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



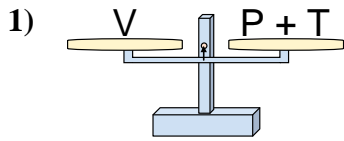
- A.  $P = X - Z$   
 B.  $P = X + Z$   
 C.  $P = Z + Z$   
 D.  $P = Z - X$

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

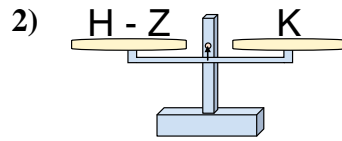




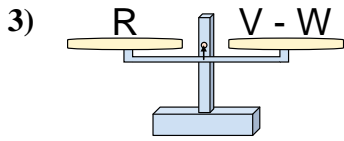
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

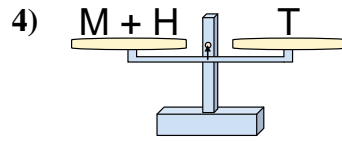
- A.  $P = V - T$   
 B.  $P = T + V$   
 C.  $P = T - V$   
 D.  $P = V + T$



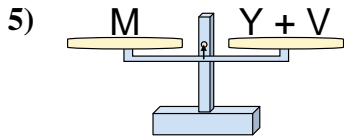
- A.  $H = K + K$   
 B.  $H = Z + K$   
 C.  $H = K - Z$   
 D.  $H = Z - K$



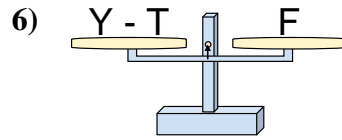
- A.  $V = W + R$   
 B.  $V = R - W$   
 C.  $V = R + R$   
 D.  $V = W - R$



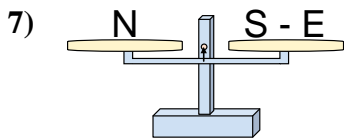
- A.  $M = T + H$   
 B.  $M = T - H$   
 C.  $M = H + T$   
 D.  $M = H - T$



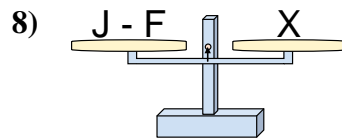
- A.  $Y = M - V$   
 B.  $Y = V - M$   
 C.  $Y = M + V$   
 D.  $Y = V + M$



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



- A.  $S = E + N$   
 B.  $S = N + N$   
 C.  $S = N - E$   
 D.  $S = E - N$



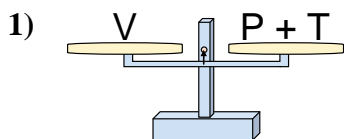
- A.  $J = X + X$   
 B.  $J = F + X$   
 C.  $J = F - X$   
 D.  $J = X - F$

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

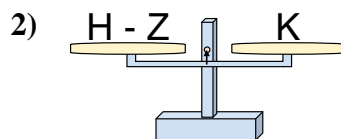


The scales shown are balanced. Determine which number sentence must be true.

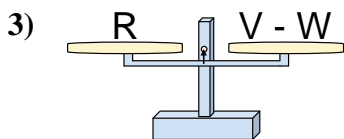
**Answers**



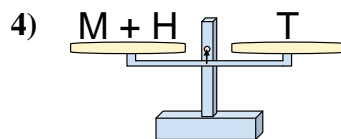
- A.  $P = V - T$
- B.  $P = T + V$
- C.  $P = T - V$
- D.  $P = V + T$



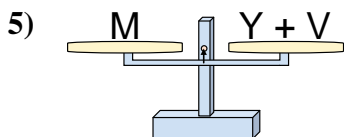
- A.  $H = K + K$
- B.  $H = Z + K$
- C.  $H = K - Z$
- D.  $H = Z - K$



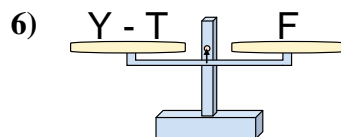
- A.  $V = W + R$
- B.  $V = R - W$
- C.  $V = R + R$
- D.  $V = W - R$



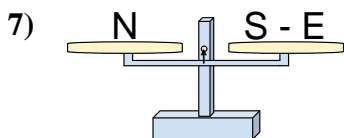
- A.  $M = T + H$
- B.  $M = T - H$
- C.  $M = H + T$
- D.  $M = H - T$



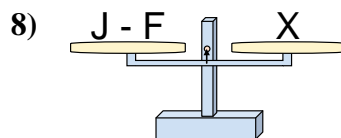
- A.  $Y = M - V$
- B.  $Y = V - M$
- C.  $Y = M + V$
- D.  $Y = V + M$



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



- A.  $S = E + N$
- B.  $S = N + N$
- C.  $S = N - E$
- D.  $S = E - N$

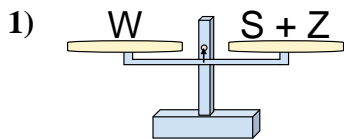


- A.  $J = X + X$
- B.  $J = F + X$
- C.  $J = F - X$
- D.  $J = X - F$

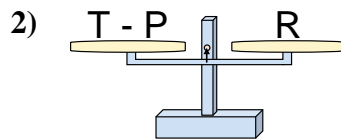
- 1.   **A**
- 2.   **B**
- 3.   **A**
- 4.   **B**
- 5.   **A**
- 6.   **D**
- 7.   **A**
- 8.   **B**



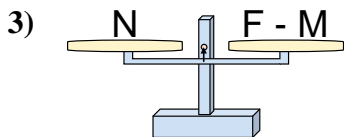
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

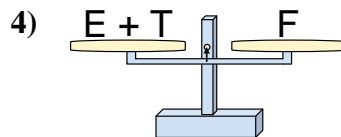
- A.  $S = W + Z$   
 B.  $S = Z + W$   
 C.  $S = Z - W$   
 D.  $S = W - Z$



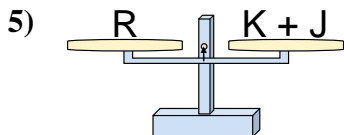
- A.  $T = P - R$   
 B.  $T = R - P$   
 C.  $T = P + R$   
 D.  $T = R + R$



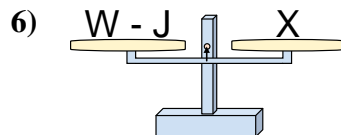
- A.  $F = M + N$   
 B.  $F = M - N$   
 C.  $F = N - M$   
 D.  $F = N + N$



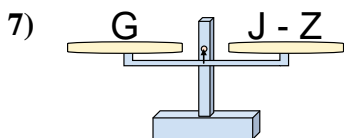
- A.  $E = T + F$   
 B.  $E = F - T$   
 C.  $E = T - F$   
 D.  $E = F + T$



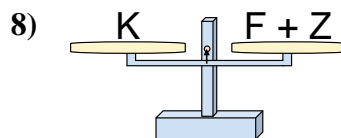
- A.  $K = J - R$   
 B.  $K = J + R$   
 C.  $K = R - J$   
 D.  $K = R + J$



- 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.  $J = G + G$

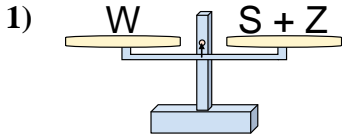


- A.  $F = Z - K$   
 B.  $F = K - Z$   
 C.  $F = Z + K$   
 D.  $F = K + Z$

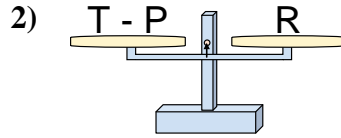
1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_



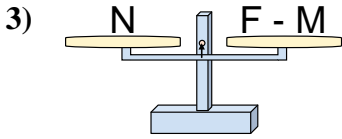
The scales shown are balanced. Determine which number sentence must be true.



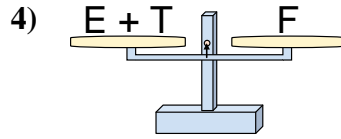
- A.  $S = W + Z$
- B.  $S = Z + W$
- C.  $S = Z - W$
- D.  $S = W - Z$



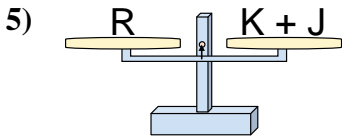
- A.  $T = P - R$
- B.  $T = R - P$
- C.  $T = P + R$
- D.  $T = R + R$



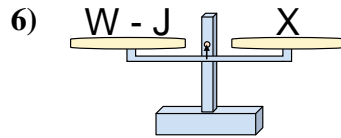
- A.  $F = M + N$
- B.  $F = M - N$
- C.  $F = N - M$
- D.  $F = N + N$



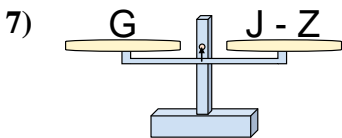
- A.  $E = T + F$
- B.  $E = F - T$
- C.  $E = T - F$
- D.  $E = F + T$



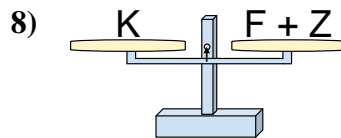
- A.  $K = J - R$
- B.  $K = J + R$
- C.  $K = R - J$
- D.  $K = R + J$



- 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**