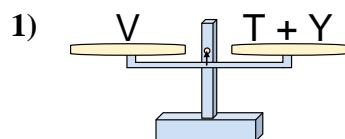




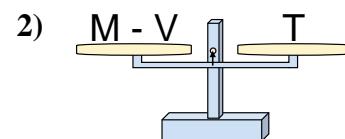
## Balancing Equations

Name: \_\_\_\_\_

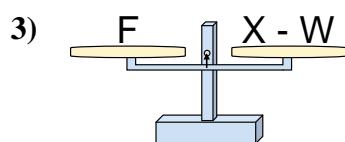
The scales shown are balanced. Determine which number sentence must be true.

Answers

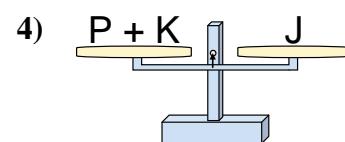
- A.  $T = Y - V$
- B.  $T = V - Y$
- C.  $T = Y + V$
- D.  $T = V + Y$



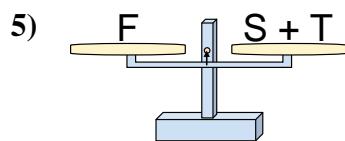
- A.  $M = T + T$
- B.  $M = T - V$
- C.  $M = V + T$
- D.  $M = V - T$



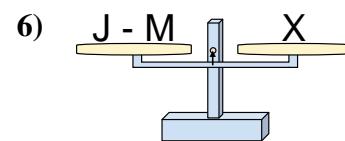
- A.  $X = W - F$
- B.  $X = W + F$
- C.  $X = F - W$
- D.  $X = F + F$



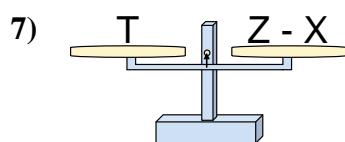
- A.  $P = K - J$
- B.  $P = K + J$
- C.  $P = J + K$
- D.  $P = J - K$



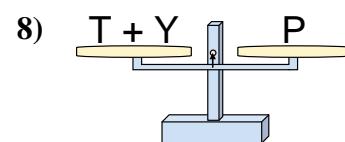
- A.  $S = F - T$
- B.  $S = T - F$
- C.  $S = T + F$
- D.  $S = F + T$



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

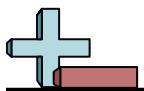


- A.  $Z = T + T$
- B.  $Z = T - X$
- C.  $Z = X + T$
- D.  $Z = X - T$



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

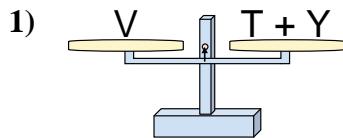
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_5. \_\_\_\_\_  
6. \_\_\_\_\_  
7. \_\_\_\_\_  
8. \_\_\_\_\_



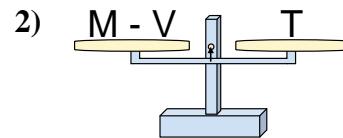
## Balancing Equations

Name: **Answer Key**

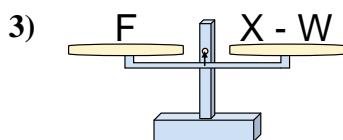
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

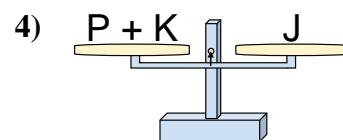
- A.  $T = Y - V$
- B.  $T = V - Y$
- C.  $T = Y + V$
- D.  $T = V + Y$



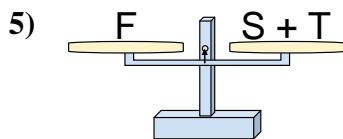
- A.  $M = T + T$
- B.  $M = T - V$
- C.  $M = V + T$
- D.  $M = V - T$



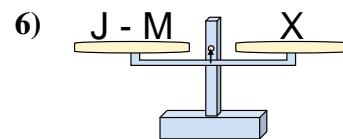
- A.  $X = W - F$
- B.  $X = W + F$
- C.  $X = F - W$
- D.  $X = F + F$



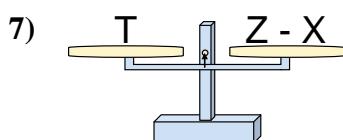
- A.  $P = K - J$
- B.  $P = K + J$
- C.  $P = J + K$
- D.  $P = J - K$



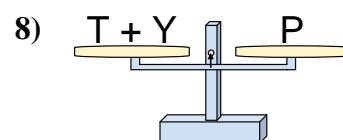
- A.  $S = F - T$
- B.  $S = T - F$
- C.  $S = T + F$
- D.  $S = F + T$



- 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**