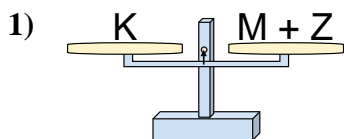
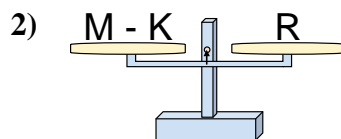




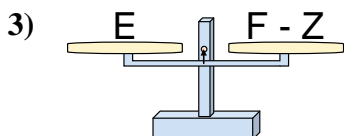
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

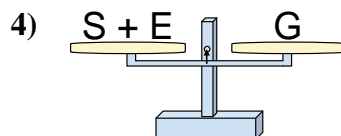
- A.  $M = Z + K$
- B.  $M = Z - K$
- C.  $M = K + Z$
- D.  $M = K - Z$



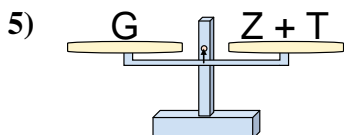
- A.  $M = R + R$
- B.  $M = K - R$
- C.  $M = R - K$
- D.  $M = K + R$



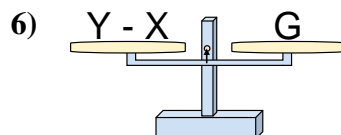
- A.  $F = Z - E$
- B.  $F = E + E$
- C.  $F = E - Z$
- D.  $F = Z + E$



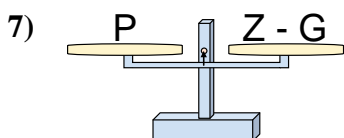
- A.  $S = G - E$
- B.  $S = G + E$
- C.  $S = E - G$
- D.  $S = E + G$



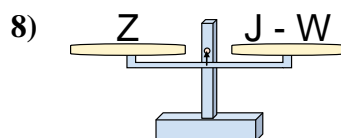
- A.  $Z = G - T$
- B.  $Z = G + T$
- C.  $Z = T + G$
- D.  $Z = T - G$



- 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.  $Z = P + P$

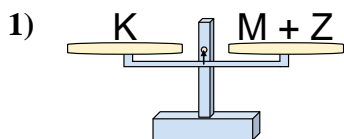


- A.  $J = Z + Z$
- B.  $J = W - Z$
- C.  $J = Z - W$
- D.  $J = W + Z$

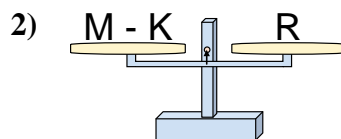
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



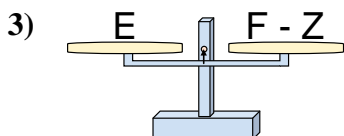
The scales shown are balanced. Determine which number sentence must be true.

**Answers**

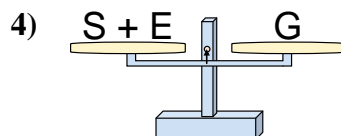
- A.  $M = Z + K$   
 B.  $M = Z - K$   
 C.  $M = K + Z$   
 D.  $M = K - Z$



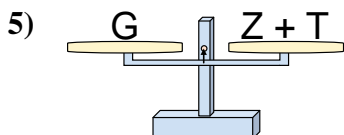
- A.  $M = R + R$   
 B.  $M = K - R$   
 C.  $M = R - K$   
 D.  $M = K + R$



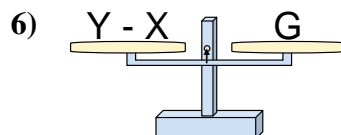
- A.  $F = Z - E$   
 B.  $F = E + E$   
 C.  $F = E - Z$   
 D.  $F = Z + E$



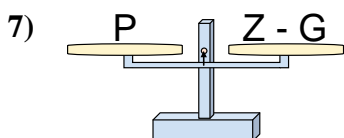
- A.  $S = G - E$   
 B.  $S = G + E$   
 C.  $S = E - G$   
 D.  $S = E + G$



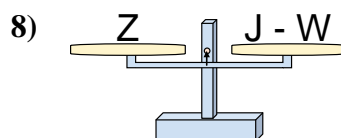
- A.  $Z = G - T$   
 B.  $Z = G + T$   
 C.  $Z = T + G$   
 D.  $Z = T - G$



- 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**