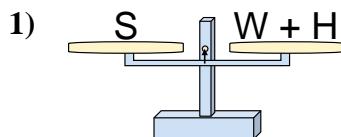




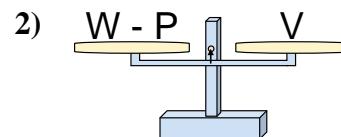
Balancing Equations

Name: _____

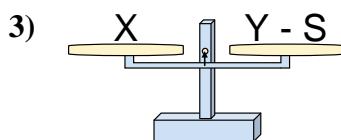
The scales shown are balanced. Determine which number sentence must be true.

Answers

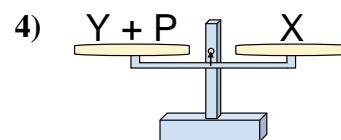
- A. $W = H - S$
- B. $W = S - H$
- C. $W = H + S$
- D. $W = S + H$



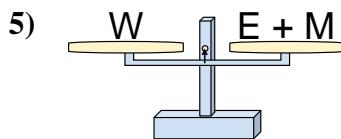
- A. $W = P + V$
- B. $W = P - V$
- C. $W = V + V$
- D. $W = V - P$



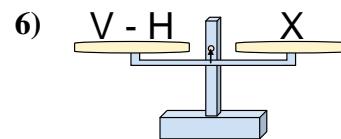
- A. $Y = S + X$
- B. $Y = X + X$
- C. $Y = X - S$
- D. $Y = S - X$



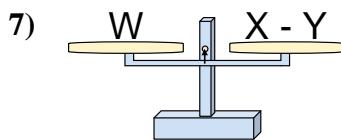
- A. $Y = X - P$
- B. $Y = X + P$
- C. $Y = P - X$
- D. $Y = P + X$



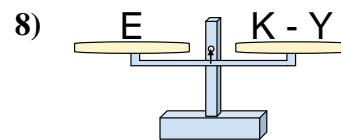
- A. $E = W - M$
- B. $E = M - W$
- C. $E = M + W$
- D. $E = W + M$



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



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



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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

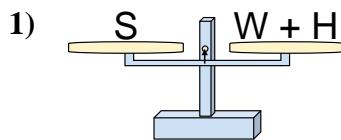
8. _____



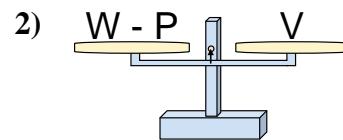
Balancing Equations

Name: **Answer Key**

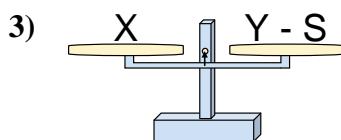
The scales shown are balanced. Determine which number sentence must be true.

Answers

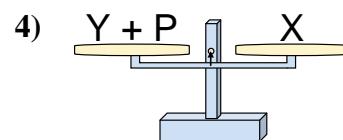
- A. $W = H - S$
- B. $W = S - H$
- C. $W = H + S$
- D. $W = S + H$



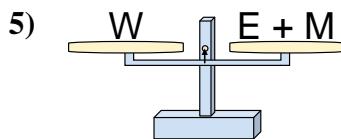
- A. $W = P + V$
- B. $W = P - V$
- C. $W = V + V$
- D. $W = V - P$



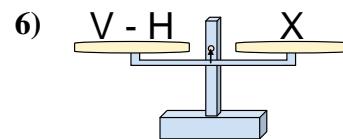
- A. $Y = S + X$
- B. $Y = X + X$
- C. $Y = X - S$
- D. $Y = S - X$



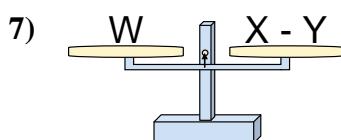
- A. $Y = X - P$
- B. $Y = X + P$
- C. $Y = P - X$
- D. $Y = P + X$



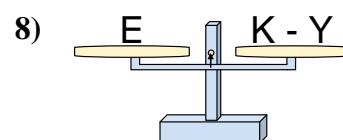
- A. $E = W - M$
- B. $E = M - W$
- C. $E = M + W$
- D. $E = W + M$



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



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



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

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