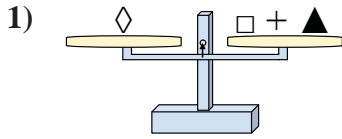
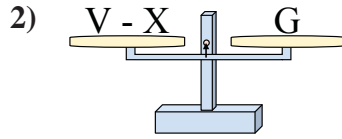




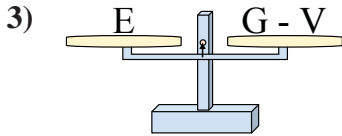
The scales shown are balanced. Determine which number sentence must be true.



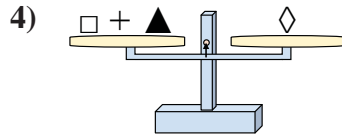
- A. $\square = \blacktriangle - \diamond$
 B. $\square = \diamond - \blacktriangle$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \diamond + \blacktriangle$



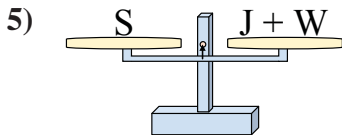
- A. $V = G - X$
 B. $V = X + G$
 C. $V = X - G$
 D. $V = G + G$



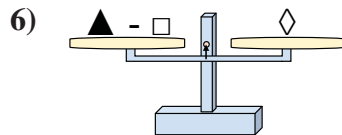
- A. $G = E - V$
 B. $G = V + E$
 C. $G = E + E$
 D. $G = V - E$



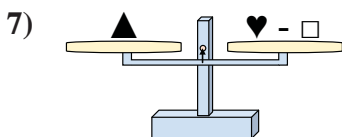
- A. $\square = \diamond - \blacktriangle$
 B. $\square = \diamond + \blacktriangle$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \blacktriangle - \diamond$



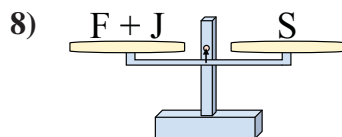
- A. $J = S + W$
 B. $J = W - S$
 C. $J = W + S$
 D. $J = S - W$



- A. $\blacktriangle = \diamond + \square$
 B. $\blacktriangle = \square - \diamond$
 C. $\blacktriangle = \diamond + \diamond$
 D. $\blacktriangle = \diamond - \square$



- A. $\heartsuit = \blacktriangle + \blacktriangle$
 B. $\heartsuit = \square + \blacktriangle$
 C. $\heartsuit = \blacktriangle - \square$
 D. $\heartsuit = \square - \blacktriangle$



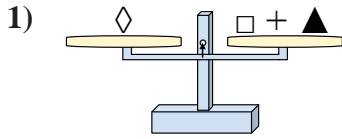
- A. $F = S + J$
 B. $F = J + S$
 C. $F = J - S$
 D. $F = S - J$

Answers

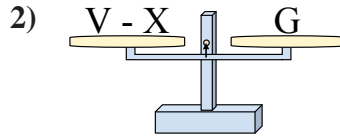
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



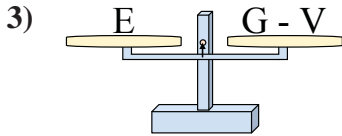
The scales shown are balanced. Determine which number sentence must be true.



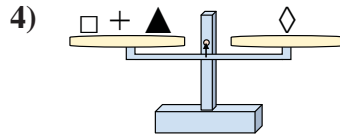
- A. $\square = \blacktriangle - \diamond$
 B. $\square = \diamond - \blacktriangle$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \diamond + \blacktriangle$



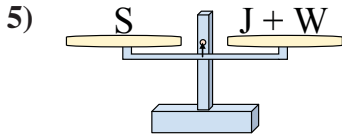
- A. $V = G - X$
 B. $V = X + G$
 C. $V = X - G$
 D. $V = G + G$



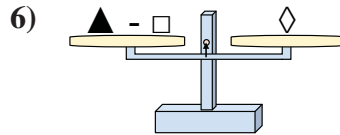
- A. $G = E - V$
 B. $G = V + E$
 C. $G = E + E$
 D. $G = V - E$



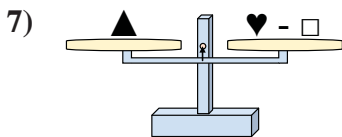
- A. $\square = \diamond - \blacktriangle$
 B. $\square = \diamond + \blacktriangle$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \blacktriangle - \diamond$



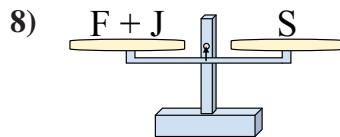
- A. $J = S + W$
 B. $J = W - S$
 C. $J = W + S$
 D. $J = S - W$



- A. $\blacktriangle = \diamond + \square$
 B. $\blacktriangle = \square - \diamond$
 C. $\blacktriangle = \diamond + \diamond$
 D. $\blacktriangle = \diamond - \square$



- A. $\heartsuit = \blacktriangle + \blacktriangle$
 B. $\heartsuit = \square + \blacktriangle$
 C. $\heartsuit = \blacktriangle - \square$
 D. $\heartsuit = \square - \blacktriangle$



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

Answers

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