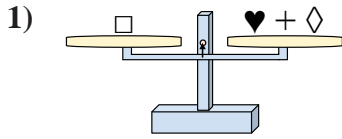
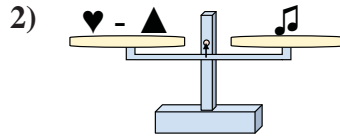




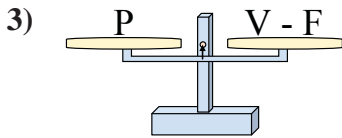
The scales shown are balanced. Determine which number sentence must be true.



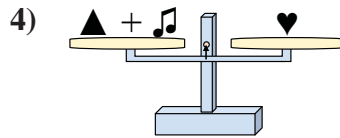
- A. $\heartsuit = \diamond + \square$
 B. $\heartsuit = \diamond - \square$
 C. $\heartsuit = \square + \diamond$
 D. $\heartsuit = \square - \diamond$



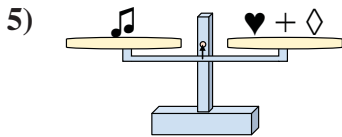
- A. $\heartsuit = \text{musical note} + \heartsuit$
 B. $\heartsuit = \text{musical note} - \blacktriangle$
 C. $\heartsuit = \text{musical note} + \blacktriangle$
 D. $\heartsuit = \blacktriangle - \text{musical note}$



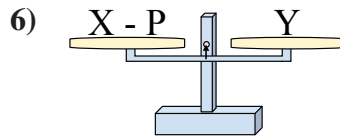
- A. $V = F + P$
 B. $V = F - P$
 C. $V = P + P$
 D. $V = P - F$



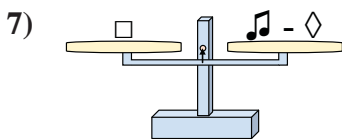
- A. $\blacktriangle = \heartsuit - \text{musical note}$
 B. $\blacktriangle = \text{musical note} + \heartsuit$
 C. $\blacktriangle = \heartsuit + \text{musical note}$
 D. $\blacktriangle = \text{musical note} - \heartsuit$



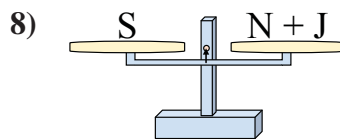
- A. $\heartsuit = \text{musical note} + \diamond$
 B. $\heartsuit = \diamond + \text{musical note}$
 C. $\heartsuit = \text{musical note} - \diamond$
 D. $\heartsuit = \diamond - \text{musical note}$



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



- A. $\text{musical note} = \square + \square$
 B. $\text{musical note} = \square + \diamond$
 C. $\text{musical note} = \diamond - \square$
 D. $\text{musical note} = \square - \diamond$



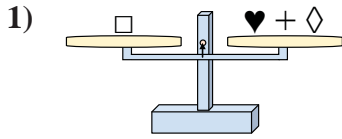
- A. $N = S + J$
 B. $N = S - J$
 C. $N = J + S$
 D. $N = J - S$

Answers

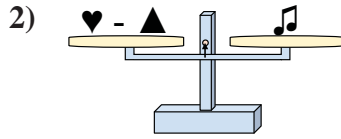
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



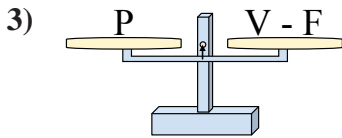
The scales shown are balanced. Determine which number sentence must be true.



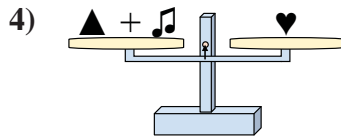
- A. $\heartsuit = \diamond + \square$
 B. $\heartsuit = \diamond - \square$
 C. $\heartsuit = \square + \diamond$
 D. $\heartsuit = \square - \diamond$



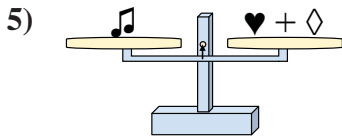
- A. $\heartsuit = \text{musical note} + \heartsuit$
 B. $\heartsuit = \text{musical note} - \blacktriangle$
 C. $\heartsuit = \text{musical note} + \blacktriangle$
 D. $\heartsuit = \blacktriangle - \text{musical note}$



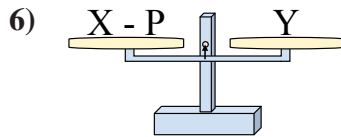
- A. $V = F + P$
 B. $V = F - P$
 C. $V = P + P$
 D. $V = P - F$



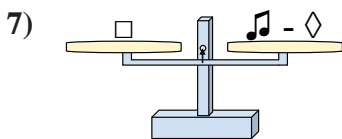
- A. $\blacktriangle = \heartsuit - \text{musical note}$
 B. $\blacktriangle = \text{musical note} + \heartsuit$
 C. $\blacktriangle = \heartsuit + \text{musical note}$
 D. $\blacktriangle = \text{musical note} - \heartsuit$



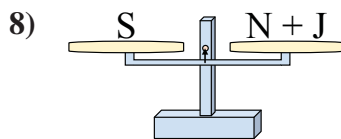
- A. $\heartsuit = \text{musical note} + \diamond$
 B. $\heartsuit = \diamond + \text{musical note}$
 C. $\heartsuit = \text{musical note} - \diamond$
 D. $\heartsuit = \diamond - \text{musical note}$



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



- A. $\text{musical note} = \square + \square$
 B. $\text{musical note} = \square + \diamond$
 C. $\text{musical note} = \diamond - \square$
 D. $\text{musical note} = \square - \diamond$



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

Answers

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