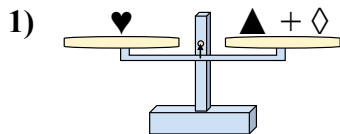
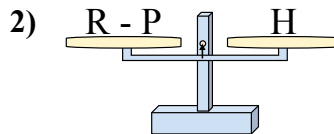




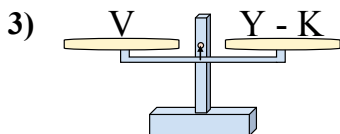
The scales shown are balanced. Determine which number sentence must be true.



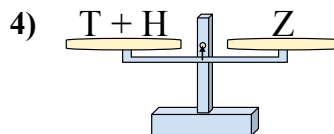
- Ⓐ. $\blacktriangle = \heartsuit - \diamond$
 B. $\blacktriangle = \heartsuit + \diamond$
 C. $\blacktriangle = \diamond - \heartsuit$
 D. $\blacktriangle = \diamond + \heartsuit$



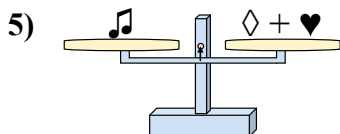
- Ⓐ. $R = P - H$
 B. $R = H + P$
 C. $R = H + H$
 D. $R = H - P$



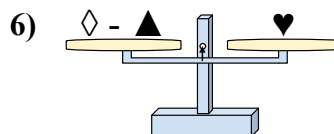
- Ⓐ. $Y = V + V$
 B. $Y = V - K$
 C. $Y = K - V$
 D. $Y = V + K$



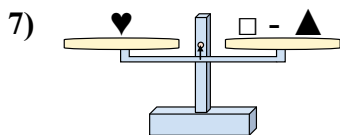
- Ⓐ. $T = H - Z$
 B. $T = Z + H$
 C. $T = Z - H$
 D. $T = H + Z$



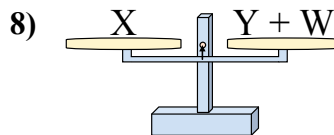
- Ⓐ. $\diamond = \text{musical note} - \heartsuit$
 B. $\diamond = \text{musical note} + \heartsuit$
 C. $\diamond = \heartsuit - \text{musical note}$
 D. $\diamond = \heartsuit + \text{musical note}$



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



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



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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

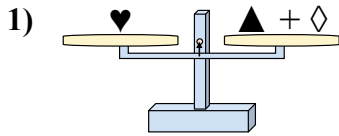
6. _____

7. _____

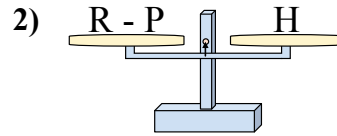
8. _____



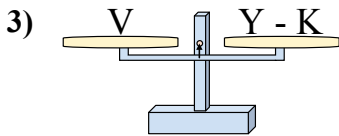
The scales shown are balanced. Determine which number sentence must be true.



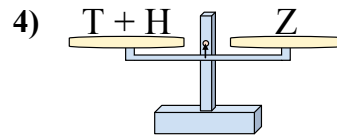
- Ⓐ. $\blacktriangle = \heartsuit - \diamond$
 B. $\blacktriangle = \heartsuit + \diamond$
 C. $\blacktriangle = \diamond - \heartsuit$
 D. $\blacktriangle = \diamond + \heartsuit$



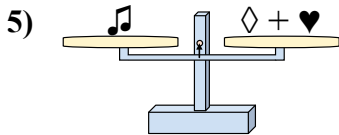
- Ⓐ. $R = P - H$
 B. $R = H + P$
 C. $R = H + H$
 D. $R = H - P$



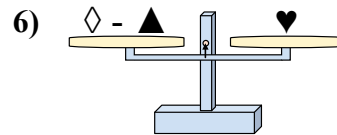
- Ⓐ. $Y = V + V$
 B. $Y = V - K$
 C. $Y = K - V$
 D. $Y = V + K$



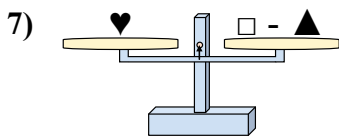
- Ⓐ. $T = H - Z$
 B. $T = Z + H$
 C. $T = Z - H$
 D. $T = H + Z$



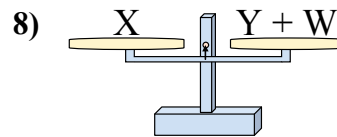
- Ⓐ. $\diamond = \text{musical note} - \heartsuit$
 B. $\diamond = \text{musical note} + \heartsuit$
 C. $\diamond = \heartsuit - \text{musical note}$
 D. $\diamond = \heartsuit + \text{musical note}$



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



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



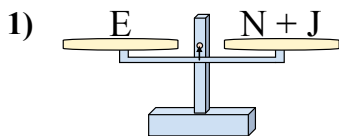
- Ⓐ. $Y = X + W$
 B. $Y = X - W$
 C. $Y = W + X$
 D. $Y = W - X$

Answers

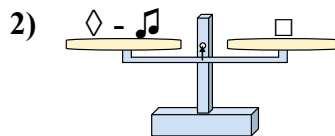
1. **A**
 2. **B**
 3. **D**
 4. **C**
 5. **A**
 6. **B**
 7. **A**
 8. **B**



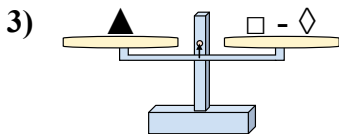
The scales shown are balanced. Determine which number sentence must be true.



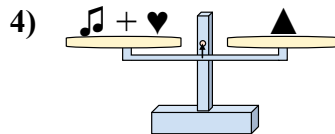
- Ⓐ. $N = E - J$
 B. $N = J + E$
 C. $N = E + J$
 D. $N = J - E$



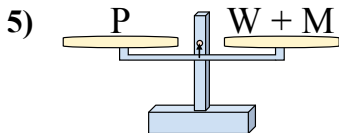
- Ⓐ. $\diamond = \square + \text{musical note}$
 B. $\diamond = \square + \square$
 C. $\diamond = \square - \text{musical note}$
 D. $\diamond = \text{musical note} - \square$



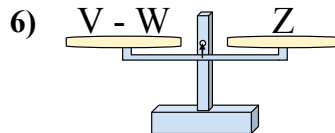
- Ⓐ. $\square = \triangle + \triangle$
 B. $\square = \triangle + \diamond$
 C. $\square = \triangle - \diamond$
 D. $\square = \diamond - \triangle$



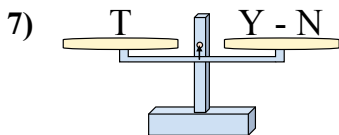
- Ⓐ. $\text{musical note} = \triangle + \text{heart}$
 B. $\text{musical note} = \text{heart} - \triangle$
 C. $\text{musical note} = \triangle - \text{heart}$
 D. $\text{musical note} = \text{heart} + \triangle$



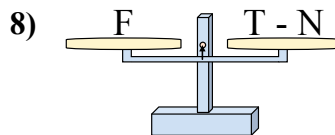
- Ⓐ. $W = P - M$
 B. $W = M + P$
 C. $W = P + M$
 D. $W = M - P$



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



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



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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

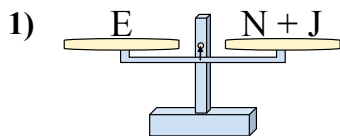
6. _____

7. _____

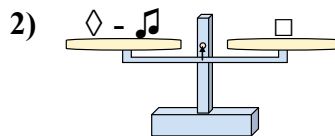
8. _____



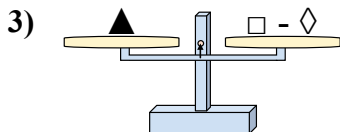
The scales shown are balanced. Determine which number sentence must be true.



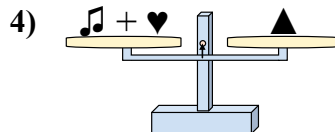
- Ⓐ. $N = E - J$
 B. $N = J + E$
 C. $N = E + J$
 D. $N = J - E$



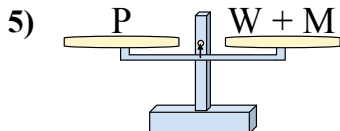
- Ⓐ. $\diamond = \square + \text{musical note}$
 B. $\diamond = \square + \square$
 C. $\diamond = \square - \text{musical note}$
 D. $\diamond = \text{musical note} - \square$



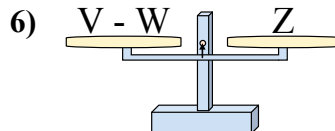
- Ⓐ. $\square = \triangle + \triangle$
 B. $\square = \triangle + \diamond$
 C. $\square = \triangle - \diamond$
 D. $\square = \diamond - \triangle$



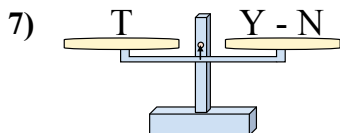
- Ⓐ. $\text{musical note} = \triangle + \text{heart}$
 B. $\text{musical note} = \text{heart} - \triangle$
 C. $\text{musical note} = \triangle - \text{heart}$
 D. $\text{musical note} = \text{heart} + \triangle$



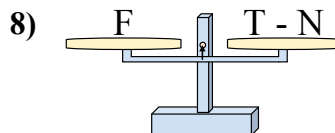
- Ⓐ. $W = P - M$
 B. $W = M + P$
 C. $W = P + M$
 D. $W = M - P$



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



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



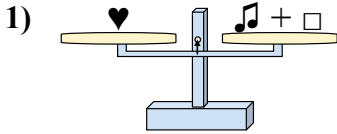
- Ⓐ. $T = F - N$
 B. $T = F + N$
 C. $T = N - F$
 D. $T = F + F$

Answers

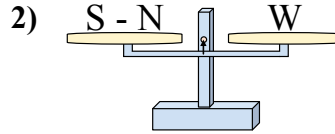
1. **A**
 2. **A**
 3. **B**
 4. **C**
 5. **A**
 6. **B**
 7. **C**
 8. **B**



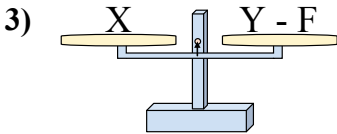
The scales shown are balanced. Determine which number sentence must be true.



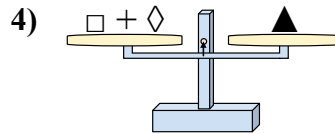
- Ⓐ. $\text{Musical Note} = \square - \heartsuit$
 B. $\text{Musical Note} = \heartsuit + \square$
 C. $\text{Musical Note} = \square + \heartsuit$
 D. $\text{Musical Note} = \heartsuit - \square$



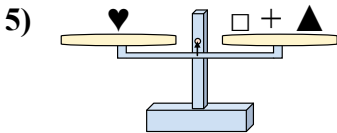
- Ⓐ. $S = N - W$
 B. $S = W + W$
 C. $S = N + W$
 D. $S = W - N$



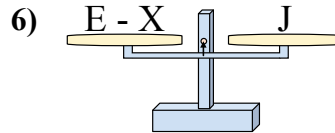
- Ⓐ. $Y = F - X$
 B. $Y = X + X$
 C. $Y = X - F$
 D. $Y = X + F$



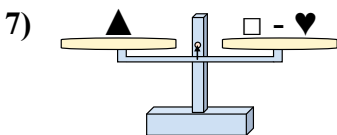
- Ⓐ. $\square = \diamond - \blacktriangle$
 B. $\square = \blacktriangle - \diamond$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \diamond + \blacktriangle$



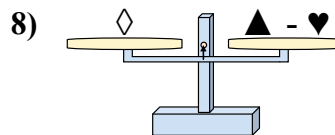
- Ⓐ. $\square = \heartsuit + \blacktriangle$
 B. $\square = \blacktriangle - \heartsuit$
 C. $\square = \blacktriangle + \heartsuit$
 D. $\square = \heartsuit - \blacktriangle$



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



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



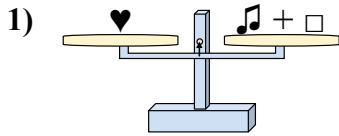
- Ⓐ. $\blacktriangle = \diamond - \heartsuit$
 B. $\blacktriangle = \diamond + \diamond$
 C. $\blacktriangle = \heartsuit + \diamond$
 D. $\blacktriangle = \heartsuit - \diamond$

Answers

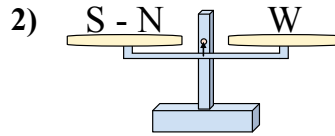
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____



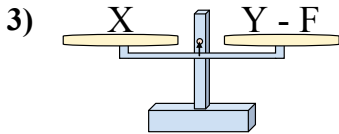
The scales shown are balanced. Determine which number sentence must be true.



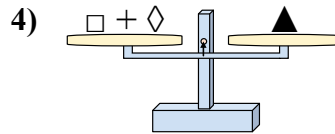
- Ⓐ. $\text{Musical Note} = \square - \heartsuit$
 B. $\text{Musical Note} = \heartsuit + \square$
 C. $\text{Musical Note} = \square + \heartsuit$
 D. $\text{Musical Note} = \heartsuit - \square$



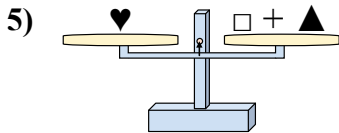
- Ⓐ. $S = N - W$
 B. $S = W + W$
 C. $S = N + W$
 D. $S = W - N$



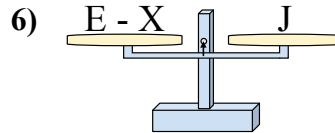
- Ⓐ. $Y = F - X$
 B. $Y = X + X$
 C. $Y = X - F$
 D. $Y = X + F$



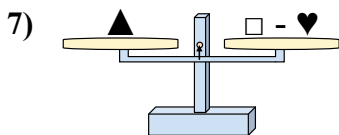
- Ⓐ. $\square = \diamond - \blacktriangle$
 B. $\square = \blacktriangle - \diamond$
 C. $\square = \blacktriangle + \diamond$
 D. $\square = \diamond + \blacktriangle$



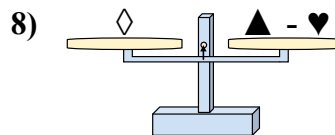
- Ⓐ. $\square = \heartsuit + \blacktriangle$
 B. $\square = \blacktriangle - \heartsuit$
 C. $\square = \blacktriangle + \heartsuit$
 D. $\square = \heartsuit - \blacktriangle$



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



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



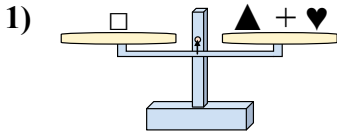
- Ⓐ. $\blacktriangle = \diamond - \heartsuit$
 B. $\blacktriangle = \diamond + \diamond$
 C. $\blacktriangle = \heartsuit + \diamond$
 D. $\blacktriangle = \heartsuit - \diamond$

Answers

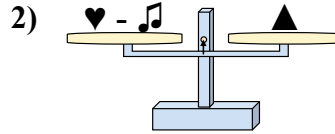
1. **D**
 2. **C**
 3. **D**
 4. **B**
 5. **D**
 6. **C**
 7. **A**
 8. **C**



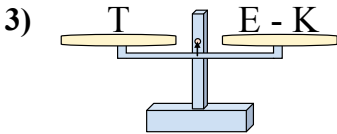
The scales shown are balanced. Determine which number sentence must be true.



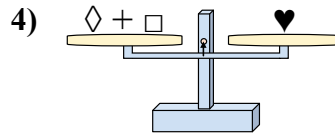
- Ⓐ. $\blacktriangle = \square - \heartsuit$
 B. $\blacktriangle = \heartsuit + \square$
 C. $\blacktriangle = \heartsuit - \square$
 D. $\blacktriangle = \square + \heartsuit$



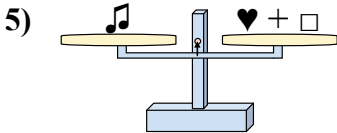
- Ⓐ. $\heartsuit = \blacktriangle + \blacktriangle$
 B. $\heartsuit = \blacktriangle - \text{musical note}$
 C. $\heartsuit = \blacktriangle + \text{musical note}$
 D. $\heartsuit = \text{musical note} - \blacktriangle$



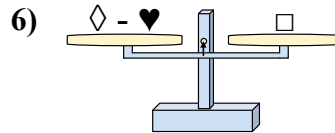
- Ⓐ. $E = T + T$
 B. $E = T - K$
 C. $E = K - T$
 D. $E = K + T$



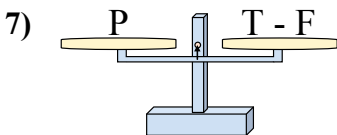
- Ⓐ. $\diamond = \square - \heartsuit$
 B. $\diamond = \square + \heartsuit$
 C. $\diamond = \heartsuit + \square$
 D. $\diamond = \heartsuit - \square$



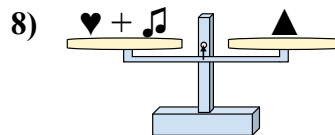
- Ⓐ. $\heartsuit = \square - \text{musical note}$
 B. $\heartsuit = \text{musical note} + \square$
 C. $\heartsuit = \square + \text{musical note}$
 D. $\heartsuit = \text{musical note} - \square$



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



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



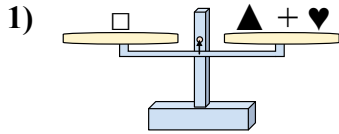
- Ⓐ. $\heartsuit = \blacktriangle - \text{musical note}$
 B. $\heartsuit = \text{musical note} - \blacktriangle$
 C. $\heartsuit = \text{musical note} + \blacktriangle$
 D. $\heartsuit = \blacktriangle + \text{musical note}$

Answers

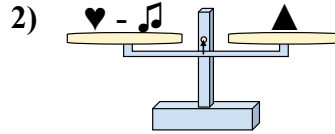
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



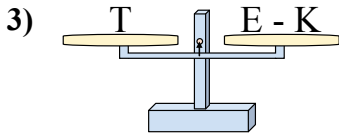
The scales shown are balanced. Determine which number sentence must be true.



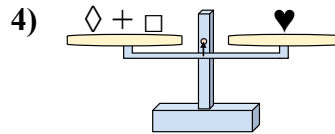
- Ⓐ. $\blacktriangle = \square - \heartsuit$
 B. $\blacktriangle = \heartsuit + \square$
 C. $\blacktriangle = \heartsuit - \square$
 D. $\blacktriangle = \square + \heartsuit$



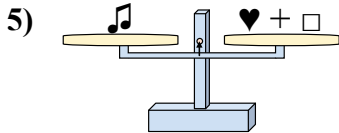
- Ⓐ. $\heartsuit = \blacktriangle + \blacktriangle$
 B. $\heartsuit = \blacktriangle - \text{musical note}$
 C. $\heartsuit = \blacktriangle + \text{musical note}$
 D. $\heartsuit = \text{musical note} - \blacktriangle$



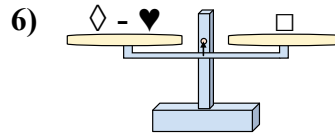
- Ⓐ. $E = T + T$
 B. $E = T - K$
 C. $E = K - T$
 D. $E = K + T$



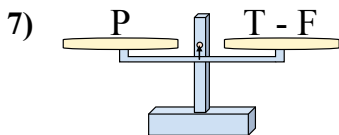
- Ⓐ. $\diamond = \square - \heartsuit$
 B. $\diamond = \square + \heartsuit$
 C. $\diamond = \heartsuit + \square$
 D. $\diamond = \heartsuit - \square$



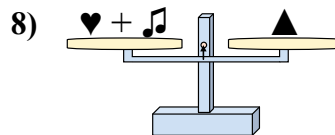
- Ⓐ. $\heartsuit = \square - \text{musical note}$
 B. $\heartsuit = \text{musical note} + \square$
 C. $\heartsuit = \square + \text{musical note}$
 D. $\heartsuit = \text{musical note} - \square$



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



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



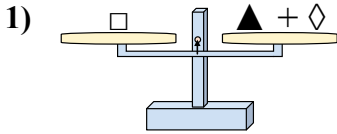
- Ⓐ. $\heartsuit = \blacktriangle - \text{musical note}$
 B. $\heartsuit = \text{musical note} - \blacktriangle$
 C. $\heartsuit = \text{musical note} + \blacktriangle$
 D. $\heartsuit = \blacktriangle + \text{musical note}$

Answers

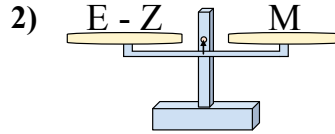
1. **A**
 2. **C**
 3. **D**
 4. **D**
 5. **D**
 6. **C**
 7. **A**
 8. **A**



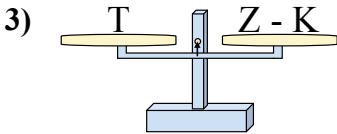
The scales shown are balanced. Determine which number sentence must be true.



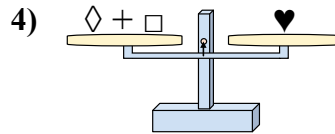
- Ⓐ. $\blacktriangle = \square - \diamond$
 B. $\blacktriangle = \diamond + \square$
 C. $\blacktriangle = \square + \diamond$
 D. $\blacktriangle = \diamond - \square$



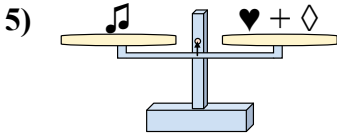
- Ⓐ. $E = M + M$
 B. $E = Z - M$
 C. $E = M - Z$
 D. $E = M + Z$



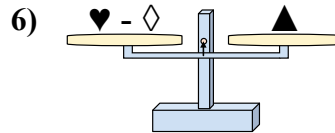
- Ⓐ. $Z = T + T$
 B. $Z = T - K$
 C. $Z = K + T$
 D. $Z = K - T$



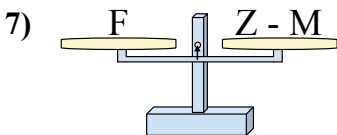
- Ⓐ. $\diamond = \square + \heartsuit$
 B. $\diamond = \square - \heartsuit$
 C. $\diamond = \heartsuit + \square$
 D. $\diamond = \heartsuit - \square$



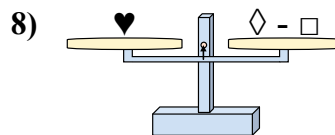
- Ⓐ. $\heartsuit = \text{musical note} + \diamond$
 B. $\heartsuit = \diamond - \text{musical note}$
 C. $\heartsuit = \text{musical note} - \diamond$
 D. $\heartsuit = \diamond + \text{musical note}$



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



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



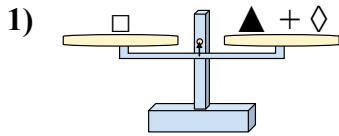
- Ⓐ. $\diamond = \heartsuit + \square$
 B. $\diamond = \heartsuit + \heartsuit$
 C. $\diamond = \heartsuit - \square$
 D. $\diamond = \square - \heartsuit$

Answers

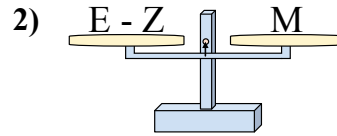
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



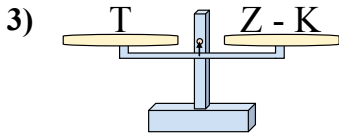
The scales shown are balanced. Determine which number sentence must be true.



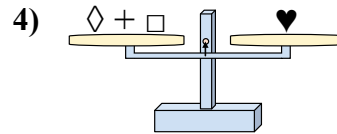
- Ⓐ. $\blacktriangle = \square - \diamond$
 B. $\blacktriangle = \diamond + \square$
 C. $\blacktriangle = \square + \diamond$
 D. $\blacktriangle = \diamond - \square$



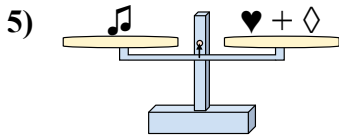
- Ⓐ. $E = M + M$
 B. $E = Z - M$
 C. $E = M - Z$
 D. $E = M + Z$



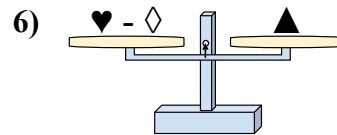
- Ⓐ. $Z = T + T$
 B. $Z = T - K$
 C. $Z = K + T$
 D. $Z = K - T$



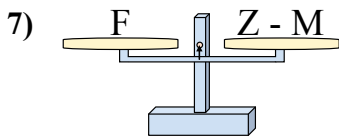
- Ⓐ. $\diamond = \square + \heartsuit$
 B. $\diamond = \square - \heartsuit$
 C. $\diamond = \heartsuit + \square$
 D. $\diamond = \heartsuit - \square$



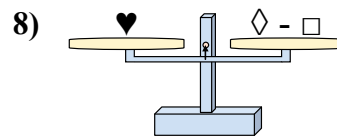
- Ⓐ. $\heartsuit = \text{musical note} + \diamond$
 B. $\heartsuit = \diamond - \text{musical note}$
 C. $\heartsuit = \text{musical note} - \diamond$
 D. $\heartsuit = \diamond + \text{musical note}$



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



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



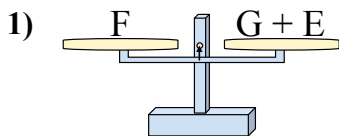
- Ⓐ. $\diamond = \heartsuit + \square$
 B. $\diamond = \heartsuit + \heartsuit$
 C. $\diamond = \heartsuit - \square$
 D. $\diamond = \square - \heartsuit$

Answers

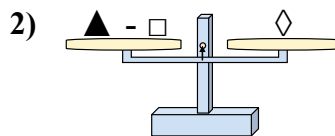
1. **A**
 2. **D**
 3. **C**
 4. **D**
 5. **C**
 6. **B**
 7. **A**
 8. **A**



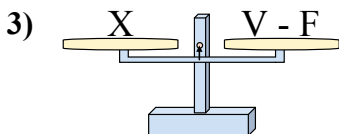
The scales shown are balanced. Determine which number sentence must be true.



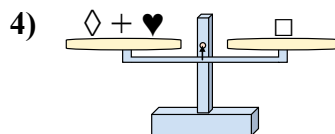
- Ⓐ. $G = E - F$
 B. $G = F + E$
 C. $G = E + F$
 D. $G = F - E$



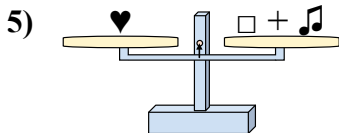
- Ⓐ. $\blacktriangle = \square + \diamond$
 B. $\blacktriangle = \diamond + \diamond$
 C. $\blacktriangle = \square - \diamond$
 D. $\blacktriangle = \diamond - \square$



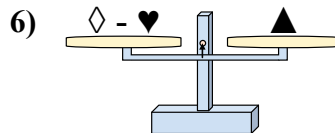
- Ⓐ. $V = F - X$
 B. $V = X - F$
 C. $V = F + X$
 D. $V = X + X$



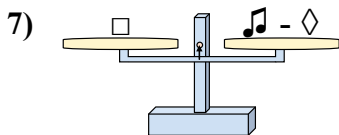
- Ⓐ. $\diamond = \heartsuit - \square$
 B. $\diamond = \heartsuit + \square$
 C. $\diamond = \square + \heartsuit$
 D. $\diamond = \square - \heartsuit$



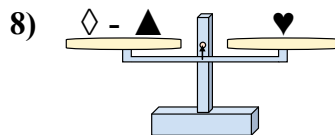
- Ⓐ. $\square = \text{musical note} - \heartsuit$
 B. $\square = \text{musical note} + \heartsuit$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \heartsuit + \text{musical note}$



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



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



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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

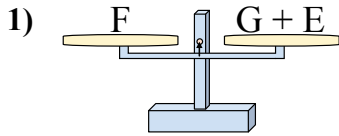
6. _____

7. _____

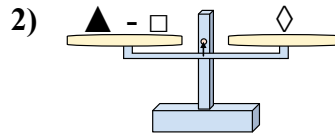
8. _____



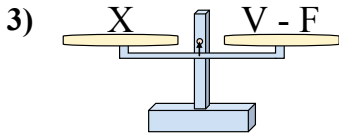
The scales shown are balanced. Determine which number sentence must be true.



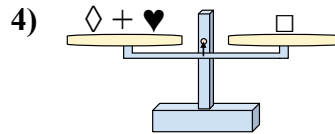
- Ⓐ. $G = E - F$
 B. $G = F + E$
 C. $G = E + F$
 D. $G = F - E$



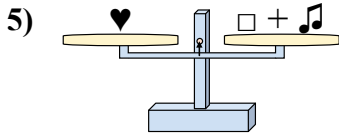
- Ⓐ. $\blacktriangle = \square + \diamond$
 B. $\blacktriangle = \diamond + \diamond$
 C. $\blacktriangle = \square - \diamond$
 D. $\blacktriangle = \diamond - \square$



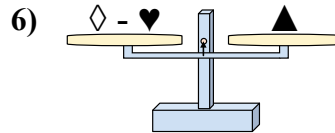
- Ⓐ. $V = F - X$
 B. $V = X - F$
 C. $V = F + X$
 D. $V = X + X$



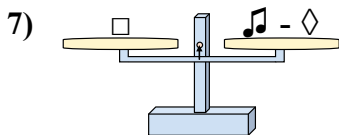
- Ⓐ. $\diamond = \heartsuit - \square$
 B. $\diamond = \heartsuit + \square$
 C. $\diamond = \square + \heartsuit$
 D. $\diamond = \square - \heartsuit$



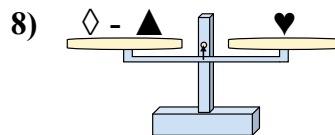
- Ⓐ. $\square = \text{musical note} - \heartsuit$
 B. $\square = \text{musical note} + \heartsuit$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \heartsuit + \text{musical note}$



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



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



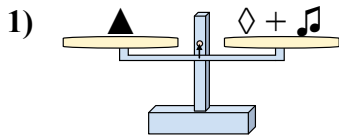
- Ⓐ. $\diamond = \heartsuit + \heartsuit$
 B. $\diamond = \blacktriangle + \heartsuit$
 C. $\diamond = \blacktriangle - \heartsuit$
 D. $\diamond = \heartsuit - \blacktriangle$

Answers

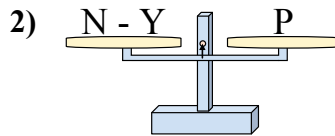
1. **D**
 2. **A**
 3. **C**
 4. **D**
 5. **C**
 6. **A**
 7. **B**
 8. **B**



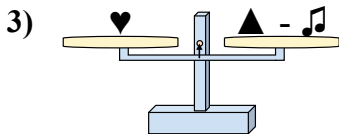
The scales shown are balanced. Determine which number sentence must be true.



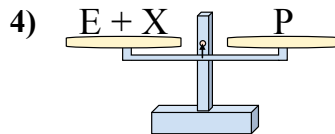
- Ⓐ. $\diamond = \text{musical note} + \blacktriangle$
 B. $\diamond = \blacktriangle - \text{musical note}$
 C. $\diamond = \blacktriangle + \text{musical note}$
 D. $\diamond = \text{musical note} - \blacktriangle$



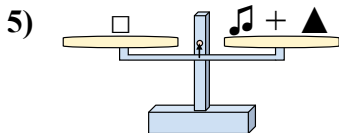
- Ⓐ. $N = P - Y$
 B. $N = Y - P$
 C. $N = P + P$
 D. $N = P + Y$



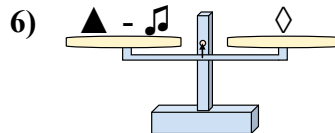
- Ⓐ. $\blacktriangle = \text{musical note} - \heartsuit$
 B. $\blacktriangle = \heartsuit - \text{musical note}$
 C. $\blacktriangle = \heartsuit + \heartsuit$
 D. $\blacktriangle = \heartsuit + \text{musical note}$



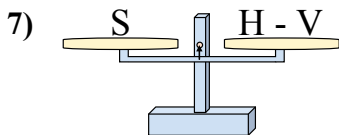
- Ⓐ. $E = P - X$
 B. $E = X - P$
 C. $E = X + P$
 D. $E = P + X$



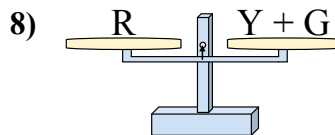
- Ⓐ. $\text{musical note} = \square - \blacktriangle$
 B. $\text{musical note} = \square + \blacktriangle$
 C. $\text{musical note} = \blacktriangle + \square$
 D. $\text{musical note} = \blacktriangle - \square$



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



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



- Ⓐ. $Y = R - G$
 B. $Y = R + G$
 C. $Y = G - R$
 D. $Y = G + R$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

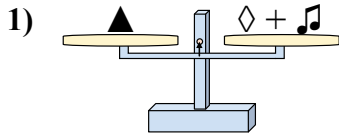
6. _____

7. _____

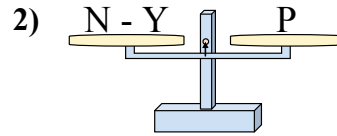
8. _____



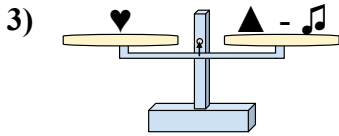
The scales shown are balanced. Determine which number sentence must be true.



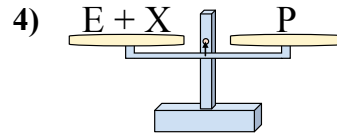
- Ⓐ. $\diamond = \text{musical note} + \blacktriangle$
 B. $\diamond = \blacktriangle - \text{musical note}$
 C. $\diamond = \blacktriangle + \text{musical note}$
 D. $\diamond = \text{musical note} - \blacktriangle$



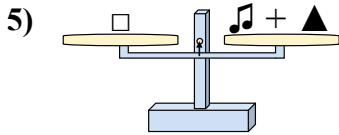
- Ⓐ. $N = P - Y$
 B. $N = Y - P$
 C. $N = P + P$
 D. $N = P + Y$



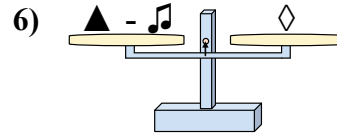
- Ⓐ. $\blacktriangle = \text{musical note} - \heartsuit$
 B. $\blacktriangle = \heartsuit - \text{musical note}$
 C. $\blacktriangle = \heartsuit + \heartsuit$
 D. $\blacktriangle = \heartsuit + \text{musical note}$



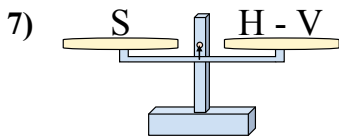
- Ⓐ. $E = P - X$
 B. $E = X - P$
 C. $E = X + P$
 D. $E = P + X$



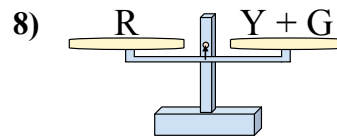
- Ⓐ. $\text{musical note} = \square - \blacktriangle$
 B. $\text{musical note} = \square + \blacktriangle$
 C. $\text{musical note} = \blacktriangle + \square$
 D. $\text{musical note} = \blacktriangle - \square$



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



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



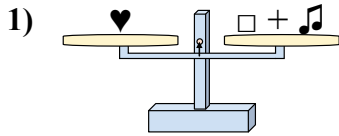
- Ⓐ. $Y = R - G$
 B. $Y = R + G$
 C. $Y = G - R$
 D. $Y = G + R$

Answers

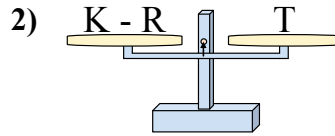
1. **B**
 2. **D**
 3. **D**
 4. **A**
 5. **A**
 6. **D**
 7. **A**
 8. **A**



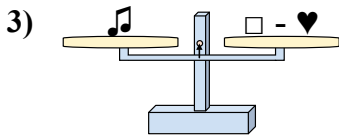
The scales shown are balanced. Determine which number sentence must be true.



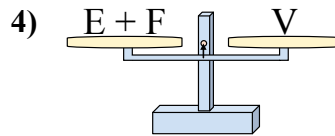
- Ⓐ. $\square = \heartsuit + \text{musical note}$
 B. $\square = \text{musical note} + \heartsuit$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \text{musical note} - \heartsuit$



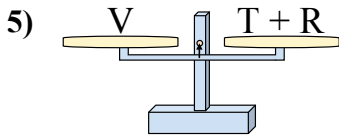
- Ⓐ. $K = R - T$
 B. $K = T - R$
 C. $K = T + R$
 D. $K = T + T$



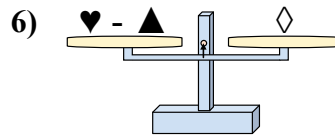
- Ⓐ. $\square = \text{musical note} + \heartsuit$
 B. $\square = \text{musical note} + \text{musical note}$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \text{musical note} - \heartsuit$



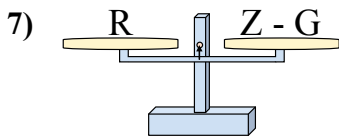
- Ⓐ. $E = F + V$
 B. $E = V + F$
 C. $E = V - F$
 D. $E = F - V$



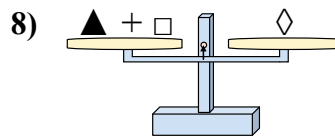
- Ⓐ. $T = R + V$
 B. $T = R - V$
 C. $T = V - R$
 D. $T = V + R$



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



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



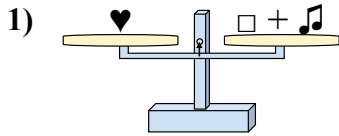
- Ⓐ. $\blacktriangle = \square + \diamond$
 B. $\blacktriangle = \square - \diamond$
 C. $\blacktriangle = \diamond + \square$
 D. $\blacktriangle = \diamond - \square$

Answers

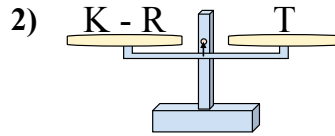
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____



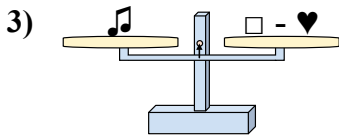
The scales shown are balanced. Determine which number sentence must be true.



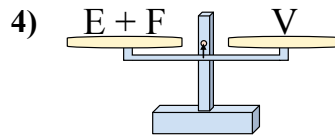
- Ⓐ. $\square = \heartsuit + \text{musical note}$
 B. $\square = \text{musical note} + \heartsuit$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \text{musical note} - \heartsuit$



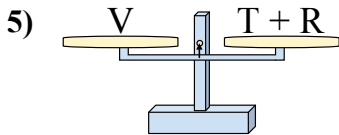
- Ⓐ. $K = R - T$
 B. $K = T - R$
 C. $K = T + R$
 D. $K = T + T$



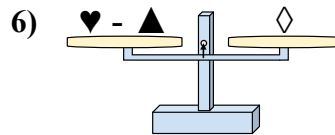
- Ⓐ. $\square = \text{musical note} + \heartsuit$
 B. $\square = \text{musical note} + \text{musical note}$
 C. $\square = \heartsuit - \text{musical note}$
 D. $\square = \text{musical note} - \heartsuit$



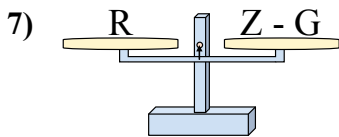
- Ⓐ. $E = F + V$
 B. $E = V + F$
 C. $E = V - F$
 D. $E = F - V$



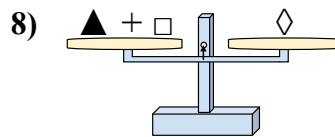
- Ⓐ. $T = R + V$
 B. $T = R - V$
 C. $T = V - R$
 D. $T = V + R$



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



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



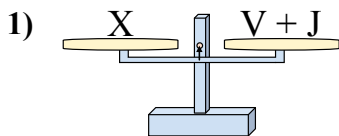
- Ⓐ. $\blacktriangle = \square + \diamond$
 B. $\blacktriangle = \square - \diamond$
 C. $\blacktriangle = \diamond + \square$
 D. $\blacktriangle = \diamond - \square$

Answers

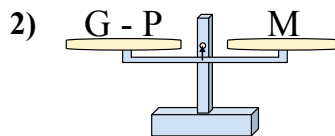
1. **C**
 2. **C**
 3. **A**
 4. **C**
 5. **C**
 6. **D**
 7. **B**
 8. **D**



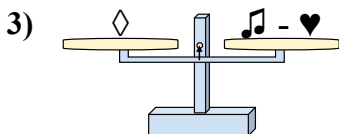
The scales shown are balanced. Determine which number sentence must be true.



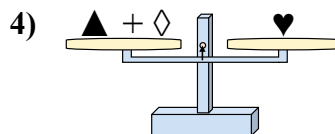
- Ⓐ. $V = X - J$
 B. $V = J - X$
 C. $V = J + X$
 D. $V = X + J$



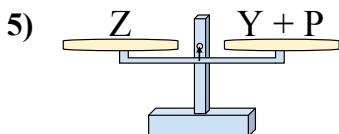
- Ⓐ. $G = M - P$
 B. $G = M + M$
 C. $G = M + P$
 D. $G = P - M$



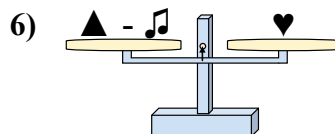
- Ⓐ. $\text{Musical Note} = \text{Diamond} + \text{Diamond}$
 B. $\text{Musical Note} = \text{Diamond} - \text{Heart}$
 C. $\text{Musical Note} = \text{Heart} - \text{Diamond}$
 D. $\text{Musical Note} = \text{Heart} + \text{Diamond}$



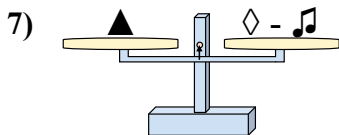
- Ⓐ. $\text{Triangle} = \text{Diamond} - \text{Heart}$
 B. $\text{Triangle} = \text{Heart} + \text{Diamond}$
 C. $\text{Triangle} = \text{Diamond} + \text{Heart}$
 D. $\text{Triangle} = \text{Heart} - \text{Diamond}$



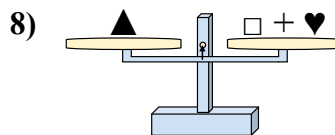
- Ⓐ. $Y = Z + P$
 B. $Y = Z - P$
 C. $Y = P - Z$
 D. $Y = P + Z$



- Ⓐ. $\text{Triangle} = \text{Heart} - \text{Musical Note}$
 B. $\text{Triangle} = \text{Musical Note} - \text{Heart}$
 C. $\text{Triangle} = \text{Musical Note} + \text{Heart}$
 D. $\text{Triangle} = \text{Heart} + \text{Heart}$



- Ⓐ. $\text{Diamond} = \text{Triangle} + \text{Musical Note}$
 B. $\text{Diamond} = \text{Musical Note} - \text{Triangle}$
 C. $\text{Diamond} = \text{Triangle} - \text{Musical Note}$
 D. $\text{Diamond} = \text{Triangle} + \text{Triangle}$



- Ⓐ. $\text{Square} = \text{Triangle} - \text{Heart}$
 B. $\text{Square} = \text{Heart} - \text{Triangle}$
 C. $\text{Square} = \text{Heart} + \text{Triangle}$
 D. $\text{Square} = \text{Triangle} + \text{Heart}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

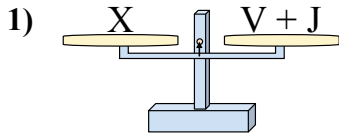
6. _____

7. _____

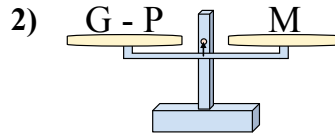
8. _____



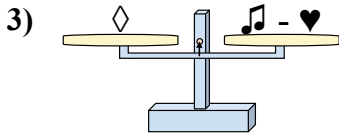
The scales shown are balanced. Determine which number sentence must be true.



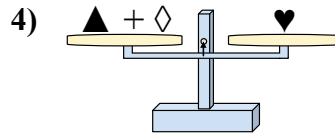
- Ⓐ. $V = X - J$
 B. $V = J - X$
 C. $V = J + X$
 D. $V = X + J$



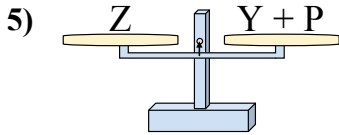
- Ⓐ. $G = M - P$
 B. $G = M + M$
 C. $G = M + P$
 D. $G = P - M$



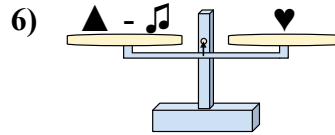
- Ⓐ. $\text{Musical Note} = \text{Diamond} + \text{Diamond}$
 B. $\text{Musical Note} = \text{Diamond} - \text{Heart}$
 C. $\text{Musical Note} = \text{Heart} - \text{Diamond}$
 D. $\text{Musical Note} = \text{Heart} + \text{Diamond}$



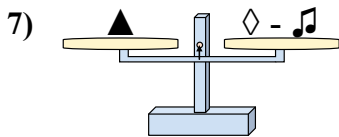
- Ⓐ. $\text{Triangle} = \text{Diamond} - \text{Heart}$
 B. $\text{Triangle} = \text{Heart} + \text{Diamond}$
 C. $\text{Triangle} = \text{Diamond} + \text{Heart}$
 D. $\text{Triangle} = \text{Heart} - \text{Diamond}$



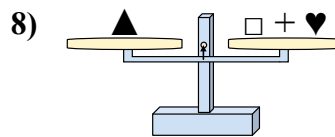
- Ⓐ. $Y = Z + P$
 B. $Y = Z - P$
 C. $Y = P - Z$
 D. $Y = P + Z$



- Ⓐ. $\text{Triangle} = \text{Heart} - \text{Musical Note}$
 B. $\text{Triangle} = \text{Musical Note} - \text{Heart}$
 C. $\text{Triangle} = \text{Musical Note} + \text{Heart}$
 D. $\text{Triangle} = \text{Heart} + \text{Heart}$



- Ⓐ. $\text{Diamond} = \text{Triangle} + \text{Musical Note}$
 B. $\text{Diamond} = \text{Musical Note} - \text{Triangle}$
 C. $\text{Diamond} = \text{Triangle} - \text{Musical Note}$
 D. $\text{Diamond} = \text{Triangle} + \text{Triangle}$



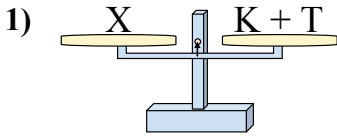
- Ⓐ. $\text{Square} = \text{Triangle} - \text{Heart}$
 B. $\text{Square} = \text{Heart} - \text{Triangle}$
 C. $\text{Square} = \text{Heart} + \text{Triangle}$
 D. $\text{Square} = \text{Triangle} + \text{Heart}$

Answers

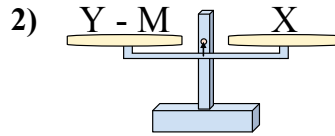
1. **A**
 2. **C**
 3. **D**
 4. **D**
 5. **B**
 6. **C**
 7. **A**
 8. **A**



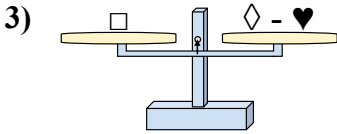
The scales shown are balanced. Determine which number sentence must be true.



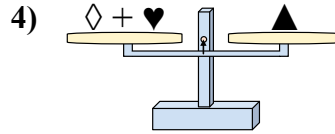
- Ⓐ. $K = T - X$
 B. $K = X - T$
 C. $K = X + T$
 D. $K = T + X$



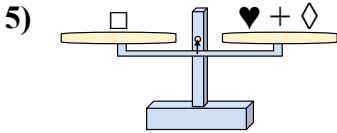
- Ⓐ. $Y = X + M$
 B. $Y = X + X$
 C. $Y = X - M$
 D. $Y = M - X$



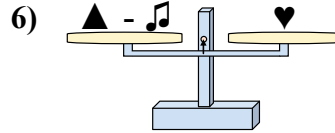
- Ⓐ. $\diamond = \heartsuit + \square$
 B. $\diamond = \square - \heartsuit$
 C. $\diamond = \square + \square$
 D. $\diamond = \heartsuit - \square$



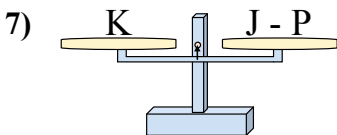
- Ⓐ. $\diamond = \heartsuit + \blacktriangle$
 B. $\diamond = \blacktriangle - \heartsuit$
 C. $\diamond = \heartsuit - \blacktriangle$
 D. $\diamond = \blacktriangle + \heartsuit$



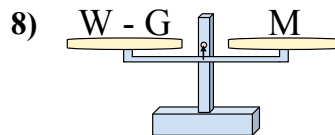
- Ⓐ. $\heartsuit = \square + \diamond$
 B. $\heartsuit = \diamond - \square$
 C. $\heartsuit = \diamond + \square$
 D. $\heartsuit = \square - \diamond$



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



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



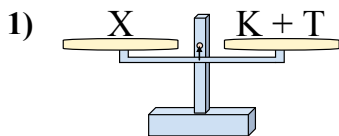
- Ⓐ. $W = M - G$
 B. $W = G + M$
 C. $W = G - M$
 D. $W = M + M$

Answers

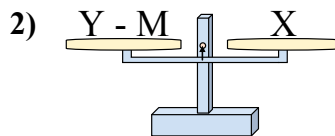
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____



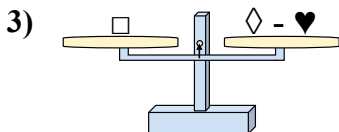
The scales shown are balanced. Determine which number sentence must be true.



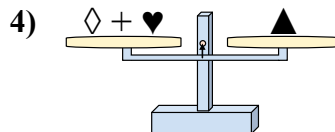
- Ⓐ. $K = T - X$
 B. $K = X - T$
 C. $K = X + T$
 D. $K = T + X$



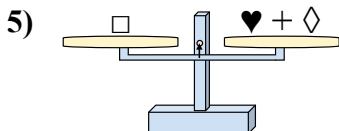
- Ⓐ. $Y = X + M$
 B. $Y = X + X$
 C. $Y = X - M$
 D. $Y = M - X$



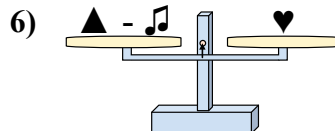
- Ⓐ. $\diamond = \heartsuit + \square$
 B. $\diamond = \square - \heartsuit$
 C. $\diamond = \square + \square$
 D. $\diamond = \heartsuit - \square$



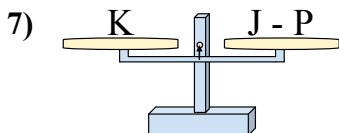
- Ⓐ. $\diamond = \heartsuit + \blacktriangle$
 B. $\diamond = \blacktriangle - \heartsuit$
 C. $\diamond = \heartsuit - \blacktriangle$
 D. $\diamond = \blacktriangle + \heartsuit$



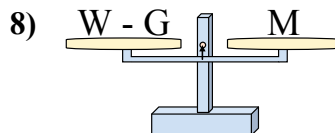
- Ⓐ. $\heartsuit = \square + \diamond$
 B. $\heartsuit = \diamond - \square$
 C. $\heartsuit = \diamond + \square$
 D. $\heartsuit = \square - \diamond$



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



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



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

Answers

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