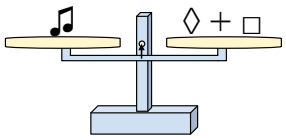
Balancing Equations

Name:

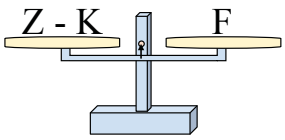
The scales shown are balanced. Determine which number sentence must be true.

1)



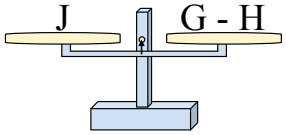
A. ◊ = □ + ♫
B. ◊ = ♫ - □
C. ◊ = □ - ♫
D. ◊ = ♫ + □

2)



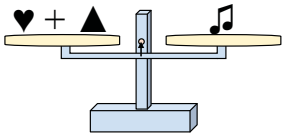
A. Z = K - F
B. Z = F + F
C. Z = K + F
D. Z = F - K

3)



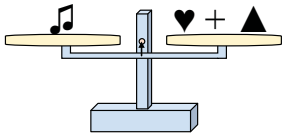
A. G = H - J
B. G = J - H
C. G = J + H
D. G = J + J

4)



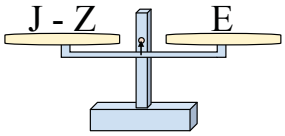
A. ♥ = ♫ + ▲
B. ♥ = ♫ - ▲
C. ♥ = ▲ - ♫
D. ♥ = ▲ + ♫

5)



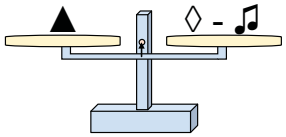
A. ♥ = ♫ - ▲
B. ♥ = ♫ + ▲
C. ♥ = ▲ + ♫
D. ♥ = ▲ - ♫

6)



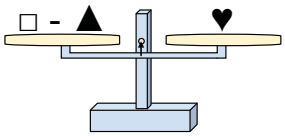
A. J = Z - E
B. J = E + E
C. J = E - Z
D. J = E + Z

7)



A. ◊ = ♫ - ▲
B. ◊ = ▲ + ▲
C. ◊ = ▲ + ♫
D. ◊ = ▲ - ♫

8)



A. □ = ▲ + ♥
B. □ = ♥ - ▲
C. □ = ▲ - ♥
D. □ = ♥ + ♥

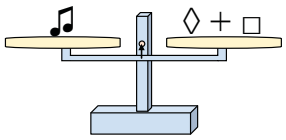
Answers

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

1-8	88	75	63	50	38	25	13	0

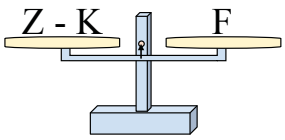
The scales shown are balanced. Determine which number sentence must be true.

1)



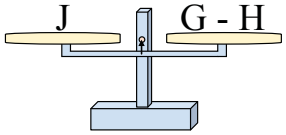
A. ◊ = □ + ♫
B. ◊ = ♫ - □
C. ◊ = □ - ♫
D. ◊ = ♫ + □

2)



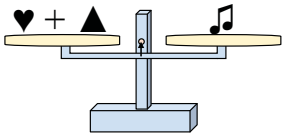
A. Z = K - F
B. Z = F + F
C. Z = K + F
D. Z = F - K

3)



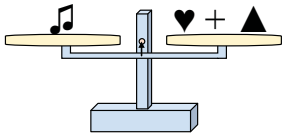
A. G = H - J
B. G = J - H
C. G = J + H
D. G = J + J

4)



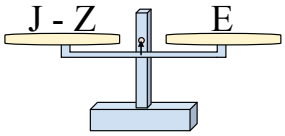
A. ♥ = ♫ + ▲
B. ♥ = ♫ - ▲
C. ♥ = ▲ - ♫
D. ♥ = ▲ + ♫

5)



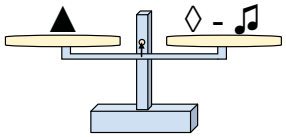
A. ♥ = ♫ - ▲
B. ♥ = ♫ + ▲
C. ♥ = ▲ + ♫
D. ♥ = ▲ - ♫

6)



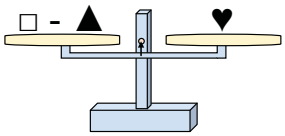
A. J = Z - E
B. J = E + E
C. J = E - Z
D. J = E + Z

7)



A. ◊ = ♫ - ▲
B. ◊ = ▲ + ▲
C. ◊ = ▲ + ♫
D. ◊ = ▲ - ♫

8)



A. □ = ▲ + ♥
B. □ = ♥ - ▲
C. □ = ▲ - ♥
D. □ = ♥ + ♥

Answers

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

1-8	88	75	63	50	38	25	13	0