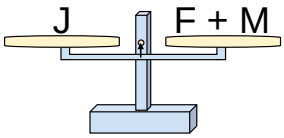
Balancing Equations Name:

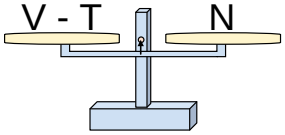
The scales shown are balanced. Determine which number sentence must be true.

1)



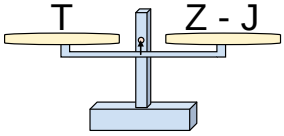
A. F = M - J
B. F = J - M
C. F = J + M
D. F = M + J

2)



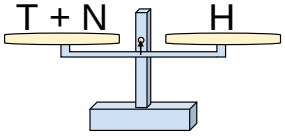
A. V = T - N
B. V = T + N
C. V = N - T
D. V = N + N

3)



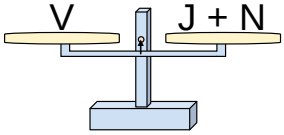
A. Z = J + T
B. Z = T + T
C. Z = T - J
D. Z = J - T

4)



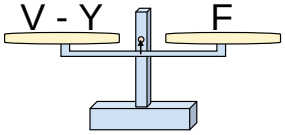
A. T = H - N
B. T = N - H
C. T = N + H
D. T = H + N

5)



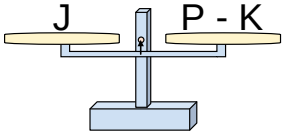
A. J = N - V
B. J = V + N
C. J = V - N
D. J = N + V

6)



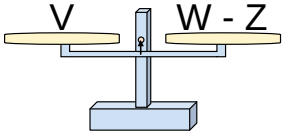
A. V = F - Y
B. V = Y + F
C. V = F + F
D. V = Y - F

7)



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

8)



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

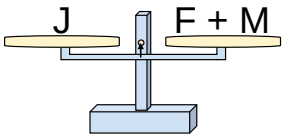
Answers

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

1-8	88	75	63	50	38	25	13	0

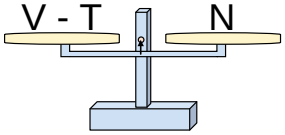
The scales shown are balanced. Determine which number sentence must be true.

1)



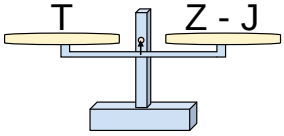
A. F = M - J
B. F = J - M
C. F = J + M
D. F = M + J

2)



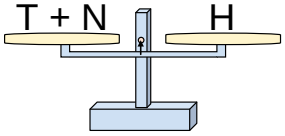
A. V = T - N
B. V = T + N
C. V = N - T
D. V = N + N

3)



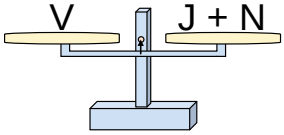
A. Z = J + T
B. Z = T + T
C. Z = T - J
D. Z = J - T

4)



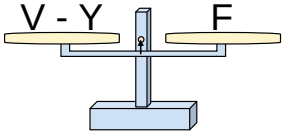
A. T = H - N
B. T = N - H
C. T = N + H
D. T = H + N

5)



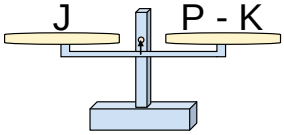
A. J = N - V
B. J = V + N
C. J = V - N
D. J = N + V

6)



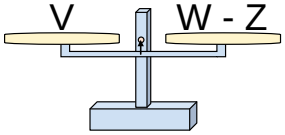
A. V = F - Y
B. V = Y + F
C. V = F + F
D. V = Y - F

7)



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

8)



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

Answers

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

1-8	88	75	63	50	38	25	13	0