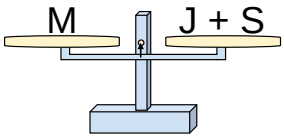
Balancing Equations Name:

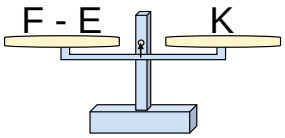
The scales shown are balanced. Determine which number sentence must be true.

1)



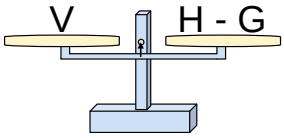
A. J = M - S
B. J = S - M
C. J = S + M
D. J = M + S

2)



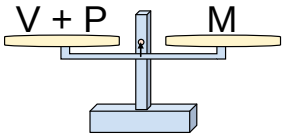
A. F = E - K
B. F = E + K
C. F = K + K
D. F = K - E

3)



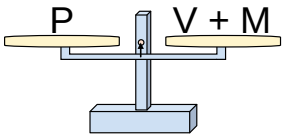
A. H = G - V
B. H = V - G
C. H = V + V
D. H = G + V

4)



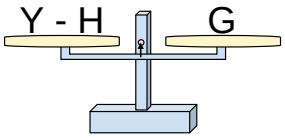
A. V = P - M
B. V = P + M
C. V = M - P
D. V = M + P

5)



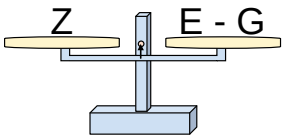
A. V = P + M
B. V = M + P
C. V = P - M
D. V = M - P

6)



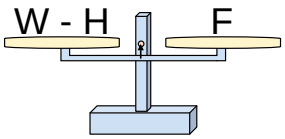
A. Y = H - G
B. Y = G + G
C. Y = H + G
D. Y = G - H

7)



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

8)



A. W = H + F
B. W = F + F
C. W = H - F
D. W = F - H

Answers

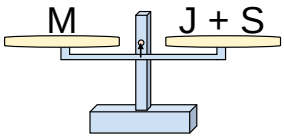
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Balancing Equations

Name: **Answer Key**

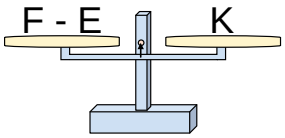
The scales shown are balanced. Determine which number sentence must be true.

1)



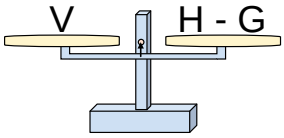
A. J = M - S
B. J = S - M
C. J = S + M
D. J = M + S

2)



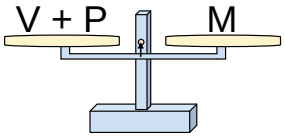
A. F = E - K
B. F = E + K
C. F = K + K
D. F = K - E

3)



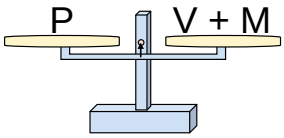
A. H = G - V
B. H = V - G
C. H = V + V
D. H = G + V

4)



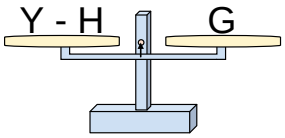
A. V = P - M
B. V = P + M
C. V = M - P
D. V = M + P

5)



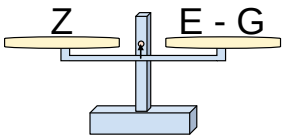
A. V = P + M
B. V = M + P
C. V = P - M
D. V = M - P

6)



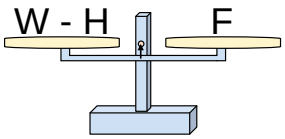
A. Y = H - G
B. Y = G + G
C. Y = H + G
D. Y = G - H

7)



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

8)



A. W = H + F
B. W = F + F
C. W = H - F
D. W = F - H

Answers

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

1-8	88	75	63	50	38	25	13	0