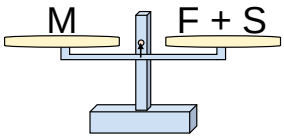
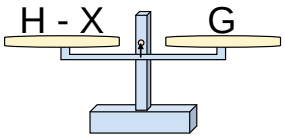
The scales shown are balanced. Determine which number sentence must be true.

1)



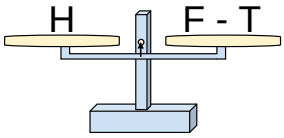
A. F = S - M
B. F = S + M
C. F = M - S
D. F = M + S

2)



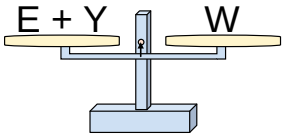
A. H = G + G
B. H = X - G
C. H = X + G
D. H = G - X

3)



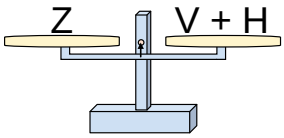
A. F = H - T
B. F = T - H
C. F = T + H
D. F = H + H

4)



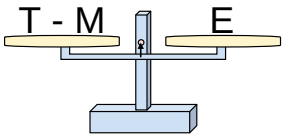
A. E = Y - W
B. E = Y + W
C. E = W - Y
D. E = W + Y

5)



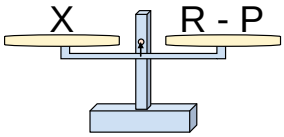
A. V = Z + H
B. V = H - Z
C. V = Z - H
D. V = H + Z

6)



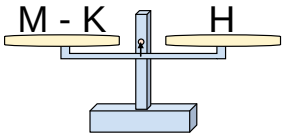
A. T = E - M
B. T = M + E
C. T = M - E
D. T = E + E

7)



A. R = P + X
B. R = P - X
C. R = X - P
D. R = X + X

8)



A. M = H - K
B. M = K - H
C. M = H + H
D. M = K + H

Answers

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

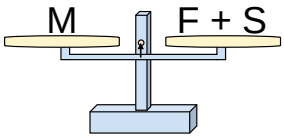
1-8	88	75	63	50	38	25	13	0

Balancing Equations

Name: **Answer Key**

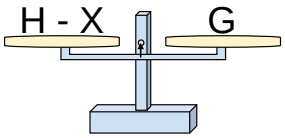
The scales shown are balanced. Determine which number sentence must be true.

1)



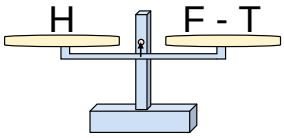
A. F = S - M
B. F = S + M
C. F = M - S
D. F = M + S

2)



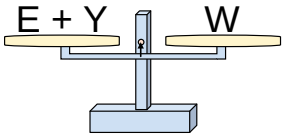
A. H = G + G
B. H = X - G
C. H = X + G
D. H = G - X

3)



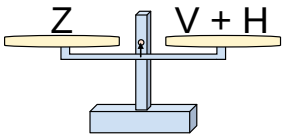
A. F = H - T
B. F = T - H
C. F = T + H
D. F = H + H

4)



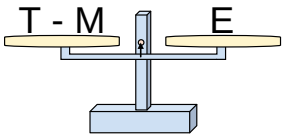
A. E = Y - W
B. E = Y + W
C. E = W - Y
D. E = W + Y

5)



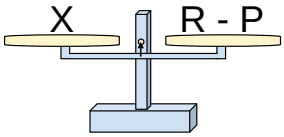
A. V = Z + H
B. V = H - Z
C. V = Z - H
D. V = H + Z

6)



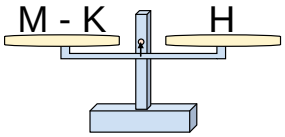
A. T = E - M
B. T = M + E
C. T = M - E
D. T = E + E

7)



A. R = P + X
B. R = P - X
C. R = X - P
D. R = X + X

8)



A. M = H - K
B. M = K - H
C. M = H + H
D. M = K + H

Answers

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

1-8	88	75	63	50	38	25	13	0