



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

1)

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

2)

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

3)

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

4)

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

5)

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

6)

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

7)

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

8)

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

Answers

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





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2)

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

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

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- A. $S = H + M$
- B. $S = M + H$
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- A. $V = Z - T$
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- A. $G = M + M$
- B. $G = M - H$
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8)

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

Answers

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

