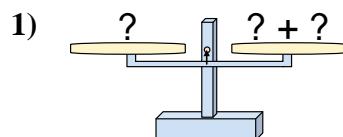


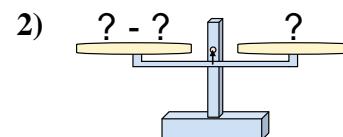
Balancing Equations

Name: _____

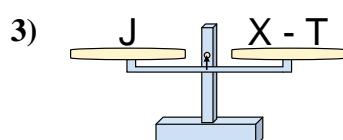
The scales shown are balanced. Determine which number sentence must be true.

Answers

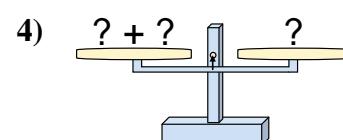
- A. $\heartsuit = ? - \diamond$
- B. $\heartsuit = \diamond + ?$
- C. $\heartsuit = ? + \diamond$
- D. $\heartsuit = \diamond - ?$



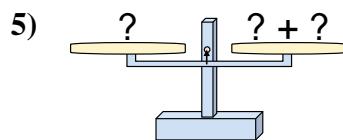
- A. $\blacktriangle = ? - ?$
- B. $\blacktriangle = ? + ?$
- C. $\blacktriangle = ? + ?$
- D. $\blacktriangle = ? - ?$



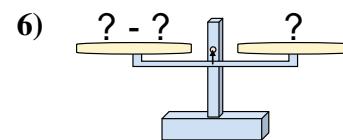
- A. $X = T - J$
- B. $X = J + T$
- C. $X = J - T$
- D. $X = J + J$



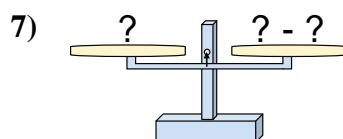
- A. $\diamond = \blacktriangle - \heartsuit$
- B. $\diamond = \blacktriangle + \heartsuit$
- C. $\diamond = \heartsuit - \blacktriangle$
- D. $\diamond = \heartsuit + \blacktriangle$



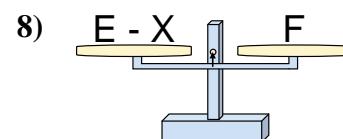
- A. $? = \blacktriangle - \diamond$
- B. $? = \blacktriangle + \diamond$
- C. $? = \diamond + \blacktriangle$
- D. $? = \diamond - \blacktriangle$



- A. $? = \blacktriangle - \heartsuit$
- B. $? = \blacktriangle + \heartsuit$
- C. $? = \heartsuit + \heartsuit$
- D. $? = \heartsuit - \blacktriangle$



- A. $? = \diamond - \heartsuit$
- B. $? = \diamond + \diamond$
- C. $? = \heartsuit + \diamond$
- D. $? = \heartsuit - \diamond$



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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

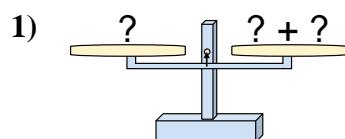
8. _____



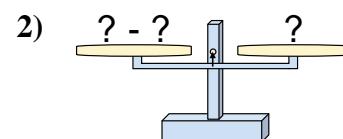
Balancing Equations

Name: **Answer Key**

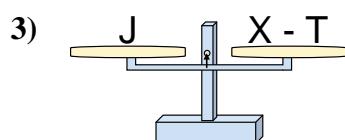
The scales shown are balanced. Determine which number sentence must be true.



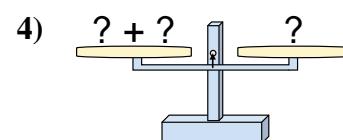
- A. $\heartsuit = ? - \diamond$
- B. $\heartsuit = \diamond + ?$
- C. $\heartsuit = ? + \diamond$
- D. $\heartsuit = \diamond - ?$



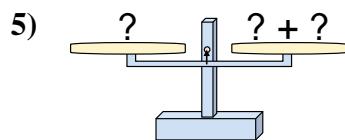
- A. $\blacktriangle = ? - ?$
- B. $\blacktriangle = ? + ?$
- C. $\blacktriangle = ? + ?$
- D. $\blacktriangle = ? - ?$



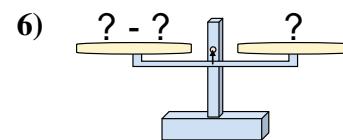
- A. $X = T - J$
- B. $X = J + T$
- C. $X = J - T$
- D. $X = J + J$



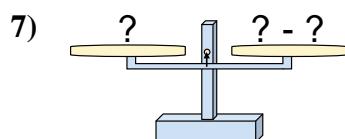
- A. $\diamond = \blacktriangle - \heartsuit$
- B. $\diamond = \blacktriangle + \heartsuit$
- C. $\diamond = \heartsuit - \blacktriangle$
- D. $\diamond = \heartsuit + \blacktriangle$



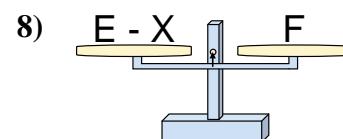
- A. $? = \blacktriangle - \diamond$
- B. $? = \blacktriangle + \diamond$
- C. $? = \diamond + \blacktriangle$
- D. $? = \diamond - \blacktriangle$



- A. $? = \blacktriangle - \heartsuit$
- B. $? = \blacktriangle + \heartsuit$
- C. $? = \heartsuit + \heartsuit$
- D. $? = \heartsuit - \blacktriangle$



- A. $? = \diamond - \heartsuit$
- B. $? = \diamond + \diamond$
- C. $? = \heartsuit + \diamond$
- D. $? = \heartsuit - \diamond$



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

Answers

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