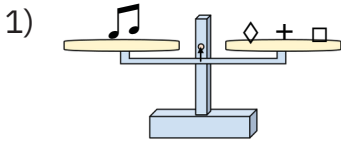


Balancing Equations

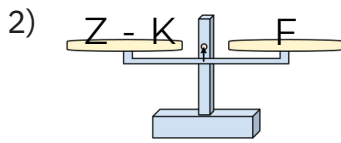
Name: _____

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

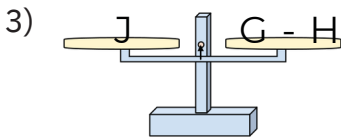
Answers



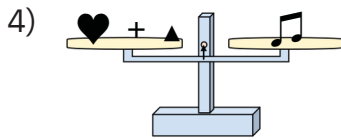
- A $\diamond = \square +$
- B $\text{musical note} \diamond = \text{musical note}$
- C $- \square \diamond =$
- D $\square - \text{musical note} \diamond = \text{musical note} + \square$



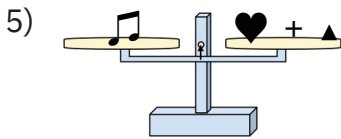
- A $Z = K -$
- B $F Z = F$
- C $+ F Z =$
- D $= F - K$



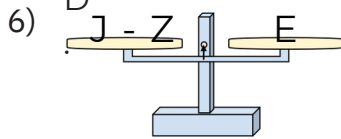
- A. $G = H - J$ B. $G = J$
- H C. $G = J + H$
- D. $G = J + J$



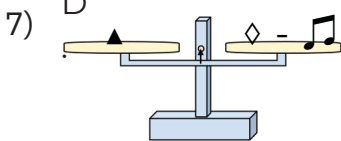
- A $\heartsuit = \text{musical note} +$
- . $\blacktriangle \heartsuit = \text{musical note}$
- B $- \blacktriangle \heartsuit =$
- . $\blacktriangle - \text{musical note} \heartsuit$
- C $= \blacktriangle + \text{musical note}$



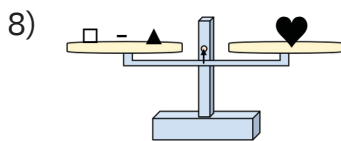
- A $\heartsuit = \text{musical note} -$
- . $\blacktriangle \heartsuit = \text{musical note}$
- B $+ \blacktriangle \heartsuit =$
- . $\blacktriangle + \text{musical note} \heartsuit$
- C $= \blacktriangle - \text{musical note}$



- A $J = Z - E$
- B $J = E + E$
- C $J = E - Z$
- D $J = E + Z$



- $\diamond = \text{musical note} - \blacktriangle$
- $\diamond = \blacktriangle + \blacktriangle$
- $\diamond = \blacktriangle + \text{musical note}$
- $\diamond = \blacktriangle - \text{musical note}$



- A $\square = \blacktriangle + \heartsuit$
- . $\square = \heartsuit - \blacktriangle$
- C $\square = \blacktriangle - \heartsuit$
- . $\square = \heartsuit + \heartsuit$
- D

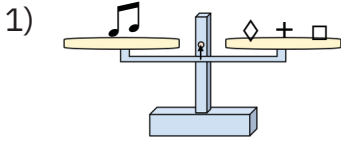
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Balancing Equations

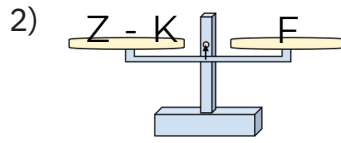
Name: **Answer Key**

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

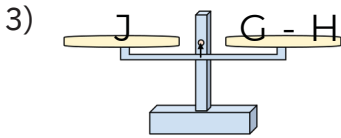
Answers



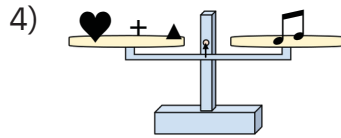
- A $\diamond = \square +$
- B $\text{musical note} \diamond = \text{musical note}$
- C $- \square \diamond =$
- D $= \text{musical note} + \square$



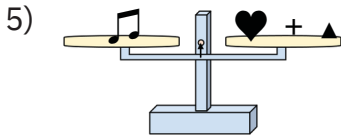
- A $Z = K -$
- B $F Z = F$
- C $+ F Z =$
- D $= F - K$



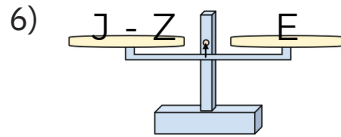
- A. $G = H - J$ B. $G = J - H$
- C. $G = J + H$ D. $G = J + J$



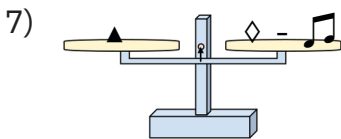
- A $\heartsuit = \text{musical note} +$
- B $\blacktriangle \heartsuit = \text{musical note}$
- C $- \blacktriangle \heartsuit =$
- D $= \blacktriangle + \text{musical note}$



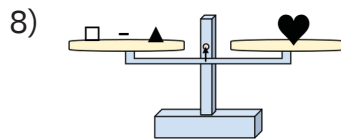
- A $\heartsuit = \text{musical note} -$
- B $\blacktriangle \heartsuit = \text{musical note}$
- C $+ \blacktriangle \heartsuit =$
- D $= \blacktriangle - \text{musical note}$



- A $J = Z - E$
- B $J = E + E$
- C $J = E - Z$
- D $J = E + Z$



- A $\diamond = \text{musical note} - \blacktriangle$
- B $\diamond = \blacktriangle + \blacktriangle$
- C $\diamond = \blacktriangle + \text{musical note}$
- D $\diamond = \blacktriangle - \text{musical note}$



- A $\square = \blacktriangle + \heartsuit$
- B $\square = \heartsuit - \blacktriangle$
- C $\square = \blacktriangle - \heartsuit$
- D $\square = \heartsuit + \heartsuit$

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