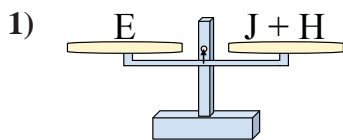
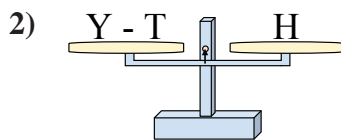




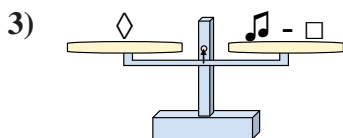
The scales shown are balanced. Determine which number sentence must be true.



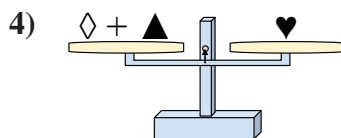
- A. $J = H + E$
 B. $J = E + H$
 C. $J = E - H$
 D. $J = H - E$



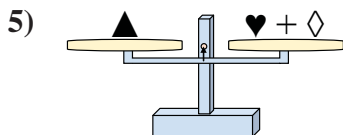
- A. $Y = T + H$
 B. $Y = H + H$
 C. $Y = H - T$
 D. $Y = T - H$



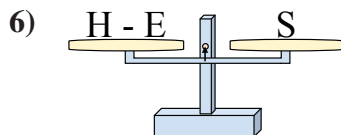
- A. $\text{Musical Note} = \text{Diamond} + \text{Diamond}$
 B. $\text{Musical Note} = \text{Square} - \text{Diamond}$
 C. $\text{Musical Note} = \text{Diamond} + \text{Square}$
 D. $\text{Musical Note} = \text{Diamond} - \text{Square}$



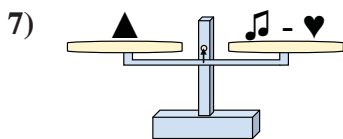
- A. $\text{Diamond} = \text{Heart} + \text{Triangle}$
 B. $\text{Diamond} = \text{Heart} - \text{Triangle}$
 C. $\text{Diamond} = \text{Triangle} - \text{Heart}$
 D. $\text{Diamond} = \text{Triangle} + \text{Heart}$



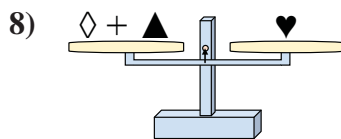
- A. $\text{Heart} = \text{Triangle} - \text{Diamond}$
 B. $\text{Heart} = \text{Diamond} + \text{Triangle}$
 C. $\text{Heart} = \text{Diamond} - \text{Triangle}$
 D. $\text{Heart} = \text{Triangle} + \text{Diamond}$



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



- A. $\text{Musical Note} = \text{Heart} - \text{Triangle}$
 B. $\text{Musical Note} = \text{Triangle} - \text{Heart}$
 C. $\text{Musical Note} = \text{Triangle} + \text{Heart}$
 D. $\text{Musical Note} = \text{Triangle} + \text{Triangle}$



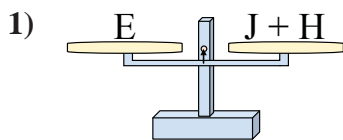
- A. $\text{Diamond} = \text{Heart} - \text{Triangle}$
 B. $\text{Diamond} = \text{Triangle} - \text{Heart}$
 C. $\text{Diamond} = \text{Heart} + \text{Triangle}$
 D. $\text{Diamond} = \text{Triangle} + \text{Heart}$

Answers

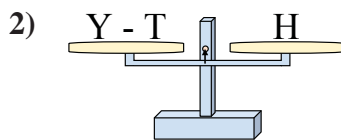
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



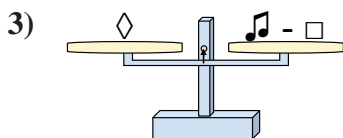
The scales shown are balanced. Determine which number sentence must be true.



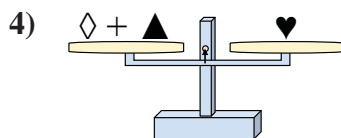
- A. $J = H + E$
 B. $J = E + H$
 C. $J = E - H$
 D. $J = H - E$



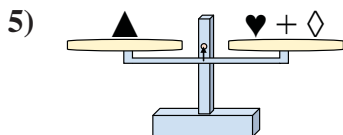
- A. $Y = T + H$
 B. $Y = H + H$
 C. $Y = H - T$
 D. $Y = T - H$



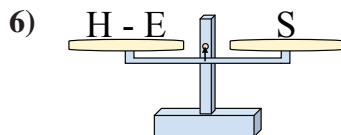
- A. $\text{Musical Note} = \text{Diamond} + \text{Diamond}$
 B. $\text{Musical Note} = \text{Square} - \text{Diamond}$
 C. $\text{Musical Note} = \text{Diamond} + \text{Square}$
 D. $\text{Musical Note} = \text{Diamond} - \text{Square}$



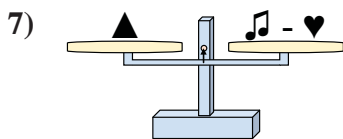
- A. $\text{Diamond} = \text{Heart} + \text{Triangle}$
 B. $\text{Diamond} = \text{Heart} - \text{Triangle}$
 C. $\text{Diamond} = \text{Triangle} - \text{Heart}$
 D. $\text{Diamond} = \text{Triangle} + \text{Heart}$



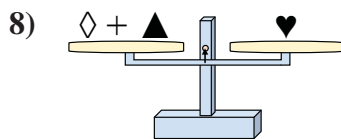
- A. $\text{Heart} = \text{Triangle} - \text{Diamond}$
 B. $\text{Heart} = \text{Diamond} + \text{Triangle}$
 C. $\text{Heart} = \text{Diamond} - \text{Triangle}$
 D. $\text{Heart} = \text{Triangle} + \text{Diamond}$



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



- A. $\text{Musical Note} = \text{Heart} - \text{Triangle}$
 B. $\text{Musical Note} = \text{Triangle} - \text{Heart}$
 C. $\text{Musical Note} = \text{Triangle} + \text{Heart}$
 D. $\text{Musical Note} = \text{Triangle} + \text{Triangle}$



- A. $\text{Diamond} = \text{Heart} - \text{Triangle}$
 B. $\text{Diamond} = \text{Triangle} - \text{Heart}$
 C. $\text{Diamond} = \text{Heart} + \text{Triangle}$
 D. $\text{Diamond} = \text{Triangle} + \text{Heart}$

Answers

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