



**Codeyoung**

**Understand properties of multiplication**

**HW \_Properties of Multiplication**

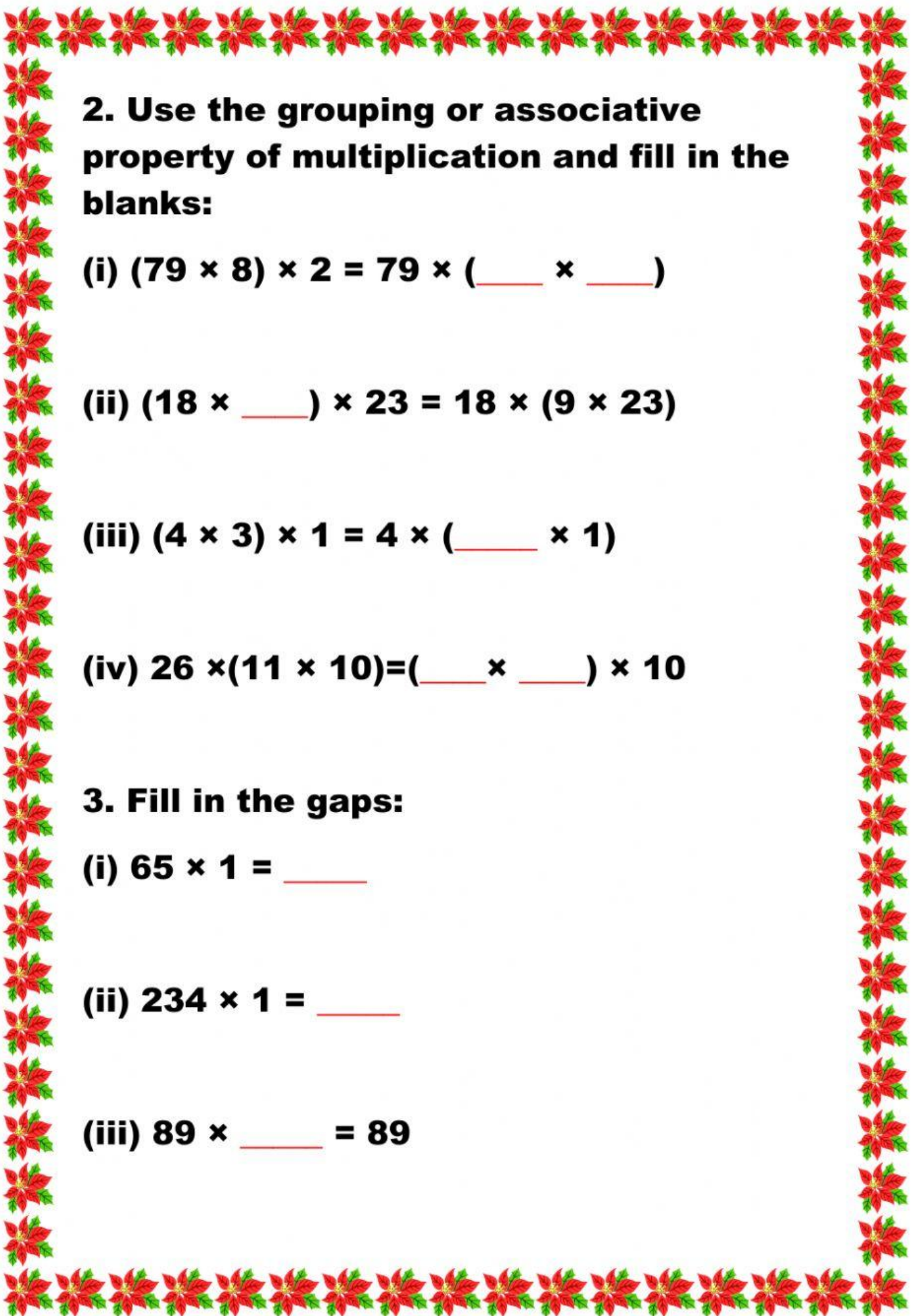
**1. Use the order or commutative property of multiplication and fill in the blanks:**

**(i)  $67 \times 2 = \underline{\hspace{2cm}} \times 67$**

**(ii)  $15 \times 9 = 9 \times \underline{\hspace{2cm}}$**

**(iii)  $98 \times \underline{\hspace{2cm}} = 12 \times 98$**

**(iv)  $\underline{\hspace{2cm}} \times 23 = 23 \times 6$**



**2. Use the grouping or associative property of multiplication and fill in the blanks:**

**(i)  $(79 \times 8) \times 2 = 79 \times (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}})$**

**(ii)  $(18 \times \underline{\hspace{1cm}}) \times 23 = 18 \times (9 \times 23)$**

**(iii)  $(4 \times 3) \times 1 = 4 \times (\underline{\hspace{1cm}} \times 1)$**

**(iv)  $26 \times (11 \times 10) = (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) \times 10$**

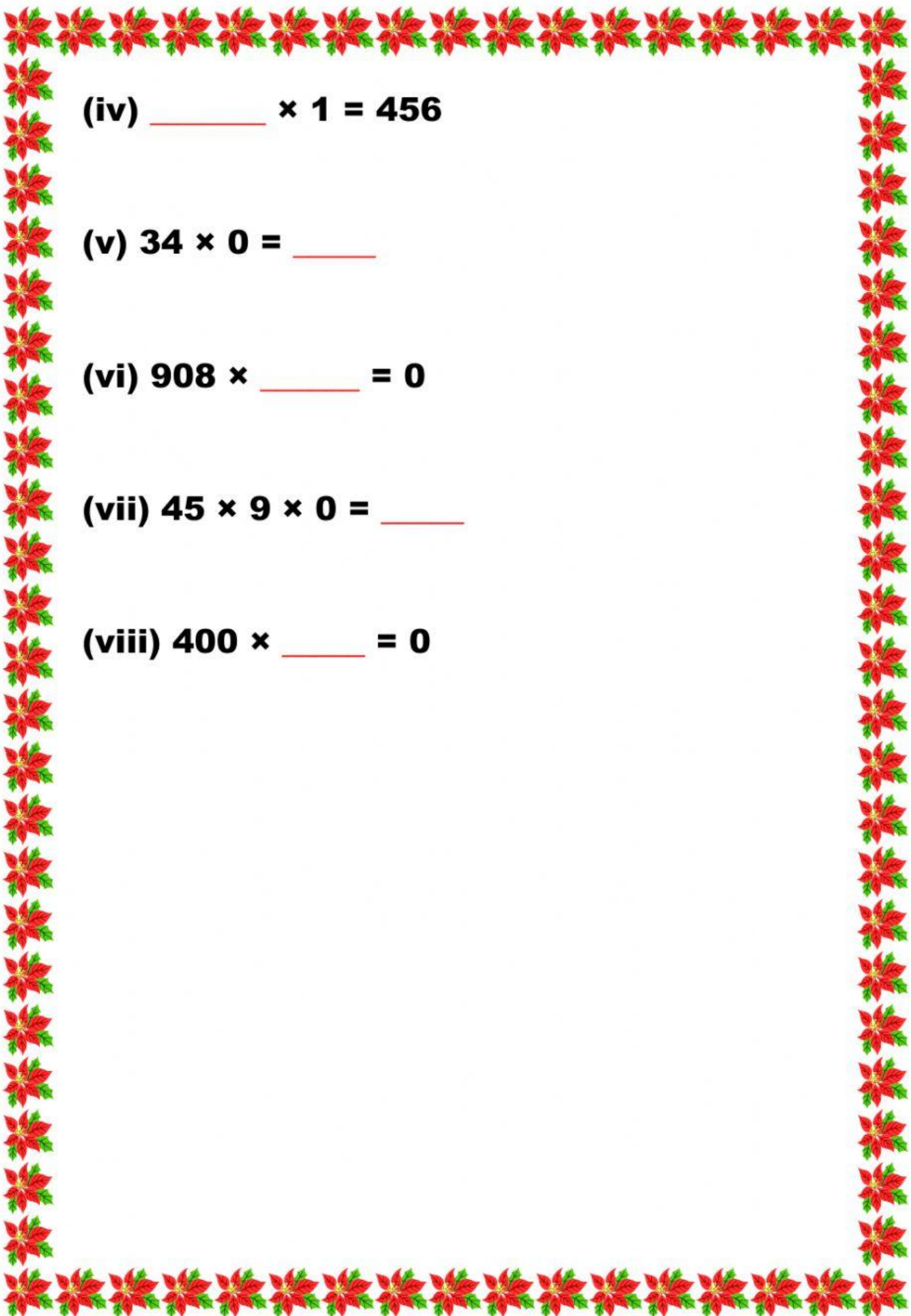
**3. Fill in the gaps:**

**(i)  $65 \times 1 = \underline{\hspace{2cm}}$**

**(ii)  $234 \times 1 = \underline{\hspace{2cm}}$**

**(iii)  $89 \times \underline{\hspace{2cm}} = 89$**





(iv) \_\_\_\_\_  $\times 1 = 456$

(v)  $34 \times 0 =$  \_\_\_\_\_

(vi)  $908 \times$  \_\_\_\_\_  $= 0$

(vii)  $45 \times 9 \times 0 =$  \_\_\_\_\_

(viii)  $400 \times$  \_\_\_\_\_  $= 0$