



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

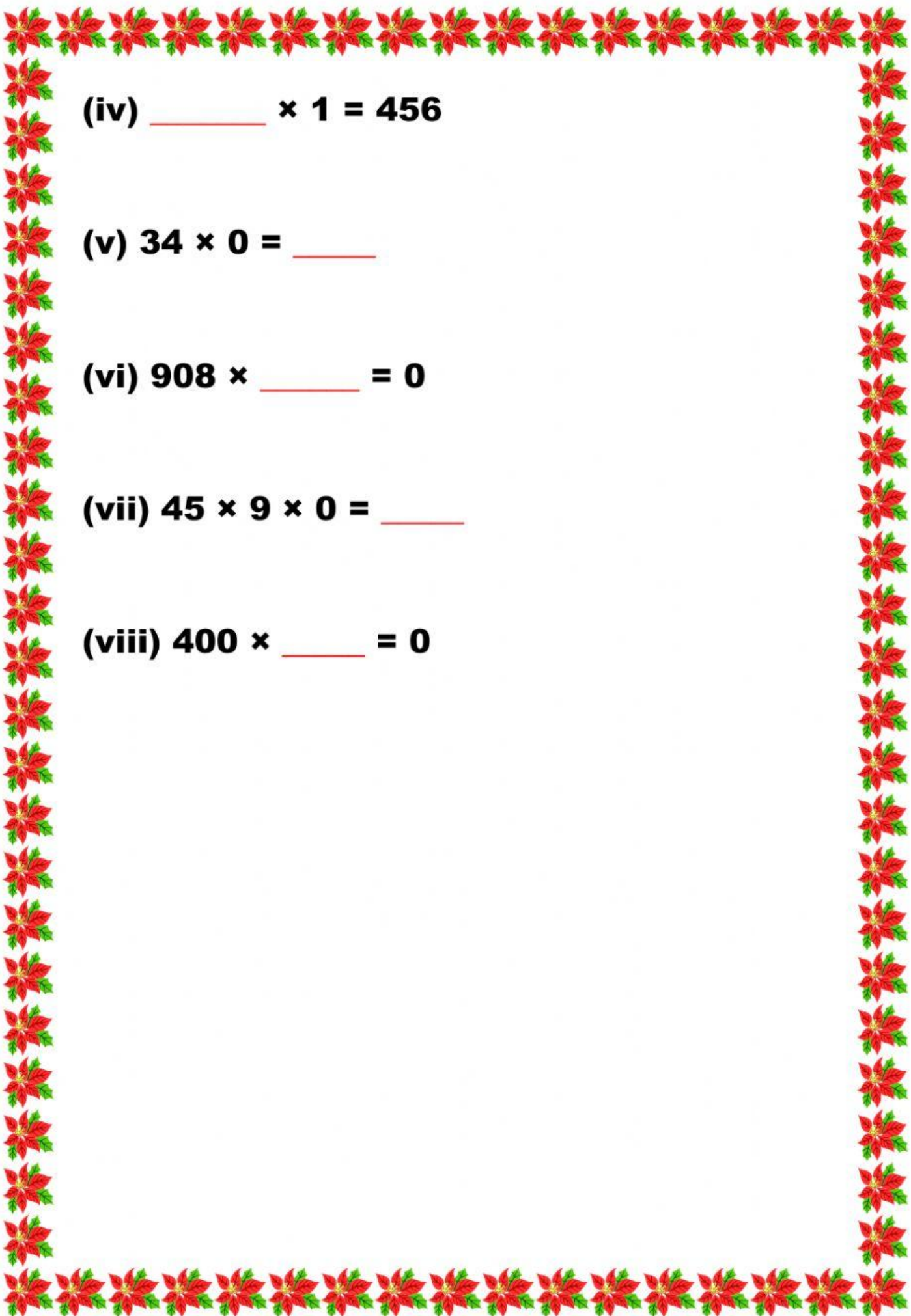
(iv) $26 \times (11 \times 10) = (\underline{\hspace{1cm}} \times \underline{\hspace{1cm}}) \times 10$

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) $400 \times$ _____ $= 0$