



Codeyoung

Understand properties of multiplication

CW _ Properties of Multiplication

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

(i) $85 \times 12 = \underline{\quad} \times 85$

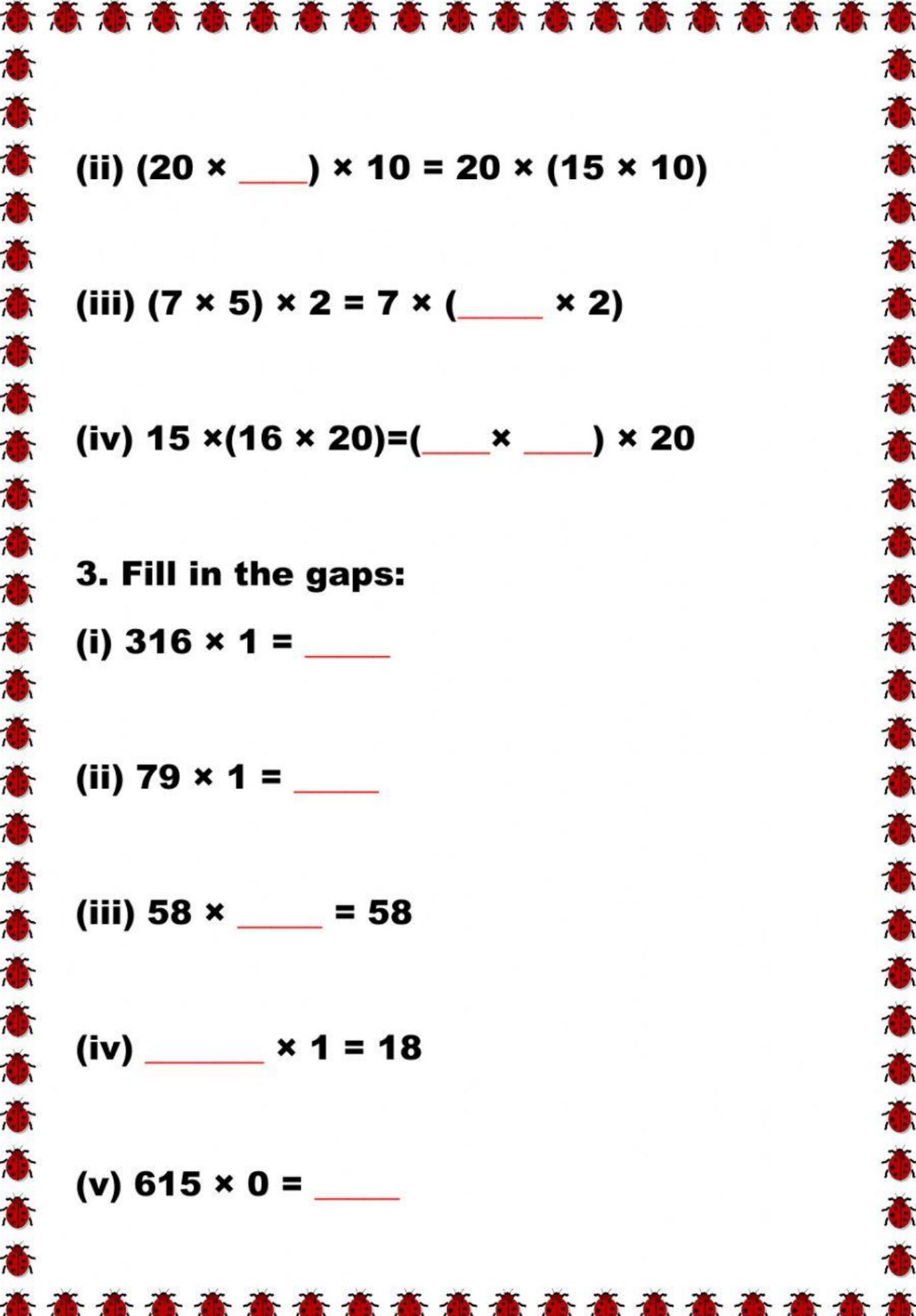
(ii) $32 \times 5 = 5 \times \underline{\quad}$

(iii) $75 \times \underline{\quad} = 14 \times 75$

(iv) $\underline{\quad} \times 72 = 72 \times 10$

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

(i) $(12 \times 5) \times 3 = 12 \times (\underline{\quad} \times \underline{\quad})$



(ii) $(20 \times \underline{\quad}) \times 10 = 20 \times (15 \times 10)$

(iii) $(7 \times 5) \times 2 = 7 \times (\underline{\quad} \times 2)$

(iv) $15 \times (16 \times 20) = (\underline{\quad} \times \underline{\quad}) \times 20$

3. Fill in the gaps:

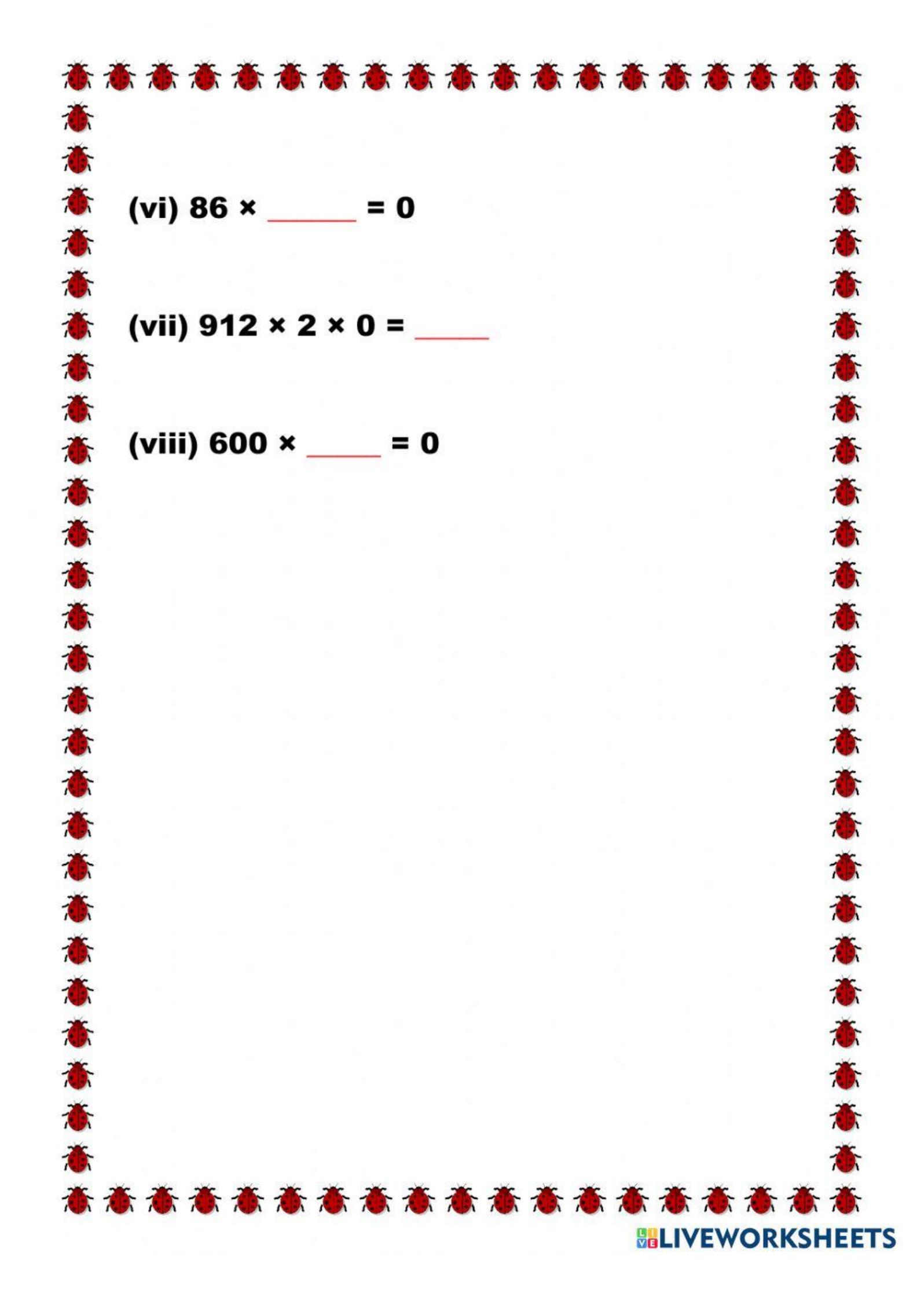
(i) $316 \times 1 = \underline{\quad}$

(ii) $79 \times 1 = \underline{\quad}$

(iii) $58 \times \underline{\quad} = 58$

(iv) $\underline{\quad} \times 1 = 18$

(v) $615 \times 0 = \underline{\quad}$



(vi) $86 \times \underline{\hspace{2cm}} = 0$

(vii) $912 \times 2 \times 0 = \underline{\hspace{2cm}}$

(viii) $600 \times \underline{\hspace{2cm}} = 0$