1. **Fill in the blanks.**

(a) The successor of 106159 is _____

(b) The successor of the largest 3-digit number is _____

(c) $1001 \times 2002 = 1001 \times (1001 +$ _____ $)$

(d) $125 + (68 + 17) = (125 +$ _____ $) + 17$

(e) If 0 is subtracted from a whole number, the result is the _____ itself.

2. **Match the columns.**

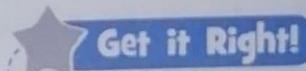(a) $185 \times 3 + 185 \times 20 = 185 \times (3 + 20)$ (i) Commutativity under multiplication

(b) $4 \times 31 \times 25 = 25 \times 4 \times 31$ (ii) Commutativity under addition

(c) $120 + 205 + 80 = 205 + 120 + 80$ (iii) Distributivity of multiplication over addition

(d) $9 \times 41 = 41 \times 9$ (iv) Associativity under multiplication

(e) $151 + 21 = 21 + 151$ (v) Associativity under addition

3. **Find the answer by suitable rearrangement.**

(a) $347 + 242 + 758 + 153$ (b) $711 + 684 + 389 + 5816$

(c) $2089 \times 5 \times 20$ (d) $40 \times 25 \times 179$

(e) $125 \times 632 \times 8$ (f) $48123 \times 25 \times 2 \times 40$

4. **Use the distributive property of multiplication over addition/subtraction to find the product.**

(a) 2458×97

(b) 6098×999

(c) 58×102

(d) 4352×1001

Get it Right!

$4 \times (6 + 5) = 4 \times 6 + 4 \times 5$ ✓

$4 \times (6 - 5) = 4 \times 6 - 4 \times 5$ ✓

$4 \times (6 \times 5) = (4 \times 6) \times (4 \times 5)$ ✗

$4 \times (6 \div 5) = (4 \times 6) \div (4 \times 5)$ ✗