

Distributive Property: $a(b+c) = ab + ac$

The diagram illustrates the distributive property using shapes. On the left, a green square is followed by a plus sign and a pair of parentheses containing a yellow triangle and a blue circle. This is followed by an equals sign. To the right of the equals sign, there are two terms: a green square followed by a dot and a yellow triangle, plus a green square followed by a dot and a blue circle. Below the second term of the right-hand side, there is a plus sign and two horizontal lines representing blank space for the student to write the corresponding terms.

$$\square (\triangle + \circ) = \square \cdot \triangle + \square \cdot \circ$$

_____ + _____