

# 5.OA Why Do We Need an Order of Operations?

## Task

a. State the meaning of each of the following expressions and draw a picture that represents it.

$$(3 \times 5) + 4$$

$$3 \times (5 + 4)$$

b. State the meaning of this expression:

$$3 \times 5 + 4$$

How do you know?

c. State the meaning of each of the following expressions and draw a picture that represents it.

$$(3 + 5) \times 4$$

$$3 + (5 \times 4)$$

d. State the meaning of this expression:

$$3 + 5 \times 4$$

How do you know?



