Mathematics

## 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.

$$
\begin{aligned}
& (3 \times 5)+4 \\
& 3 \times(5+4)
\end{aligned}
$$

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.

$$
\begin{aligned}
& (3+5) \times 4 \\
& 3+(5 \times 4)
\end{aligned}
$$

d. State the meaning of this expression:

$$
3+5 \times 4
$$

How do you know?

- Illustrative

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