

YOU & MATHS Working backwards

- a. Write at least 3 expressions that, calculated, give 16.
b. Now write 3 more expressions that give 16, making sure to use the structure $a \cdot (b \pm c) = 16$.

- a. Possible expressions are:

$$4 \cdot 4;$$

$$2 \cdot (5 + 1 \cdot 3);$$

$$13 + 3.$$

- b. Possible expressions are:

$$2 \cdot (5 + 3);$$

$$4 \cdot (3 + 1);$$

$$4 \cdot (6 - 2).$$