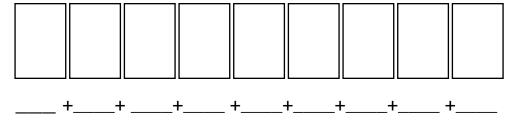
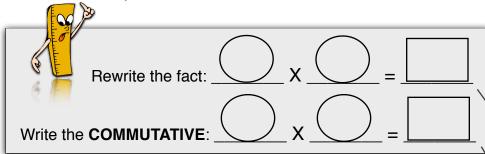
Multiplication Concept Builder 3.3



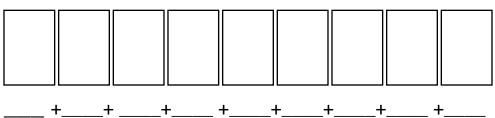
Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw \checkmark , \odot , \blacktriangledown , etc.



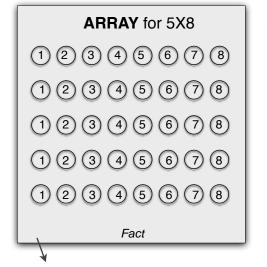
Multiplication is **REPEATED ADDITION!**



Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw \checkmark , \odot , $, \odot$, etc.



Below are the **ARRAYS** for the fact and commutative. Record the <u>factors</u>: the number of groups (rows) and "things" (circles per row). Then write the <u>product</u> (total). The fact has been done for you.



$$\frac{5}{\text{Groups of "Things"}} \times \frac{8}{\text{Things"}} = \frac{40}{\text{Product}}$$

$$(Rows of Circles) \qquad Total$$

Your Turn!



Commutative

Create a **FACT FAMILY**. Write the **FACTORS** in the circles. Write the **PRODUCT** in the boxes.