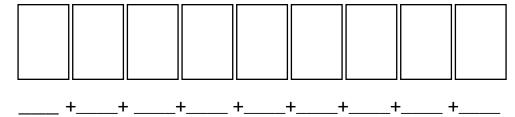
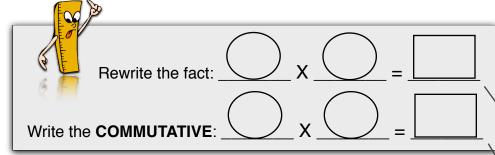


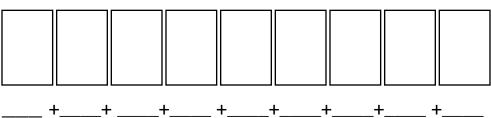
Draw the **FACT**. Cross out extra groups. For the "things" in each group, draw  $\checkmark$ ,  $\odot$ ,  $\blacktriangledown$ , etc.



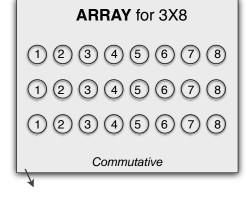
Multiplication is **REPEATED ADDITION!** 

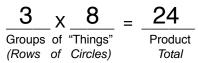


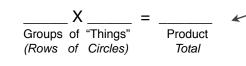
Draw the **COMMUTATIVE**. Cross out extra groups. For the "things" in each group, draw  $\checkmark$ ,  $\odot$ ,  $, \odot$ , etc.



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 commutative has been done for you.







Your Turn!



Fact

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