1. Here is the start of a pattern.

Imagine the pattern continues with $4$ removed each time.

Predict the answers to these equations.

\[
\begin{align*}
4 \times 4 &= \square \\
3 \times 4 &= \square \\
2 \times 4 &= \square \\
1 \times 4 &= \square \\
0 \times 4 &= \square \\
-1 \times 4 &= \square \\
-2 \times 4 &= \square \\
-3 \times 4 &= \square 
\end{align*}
\]

2. Here is the start of another pattern.

If this picture shows $3 \times 3 = 9$ what do these pictures show?

Write how the pattern will continue until you reach $-3 \times 3 = \square$. 