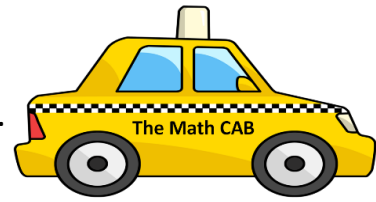
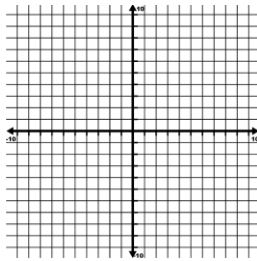


## Warm-Ups –

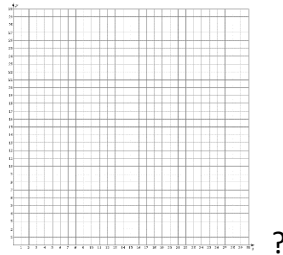
Use a whole sheet of **graph** paper for today's warm-up.

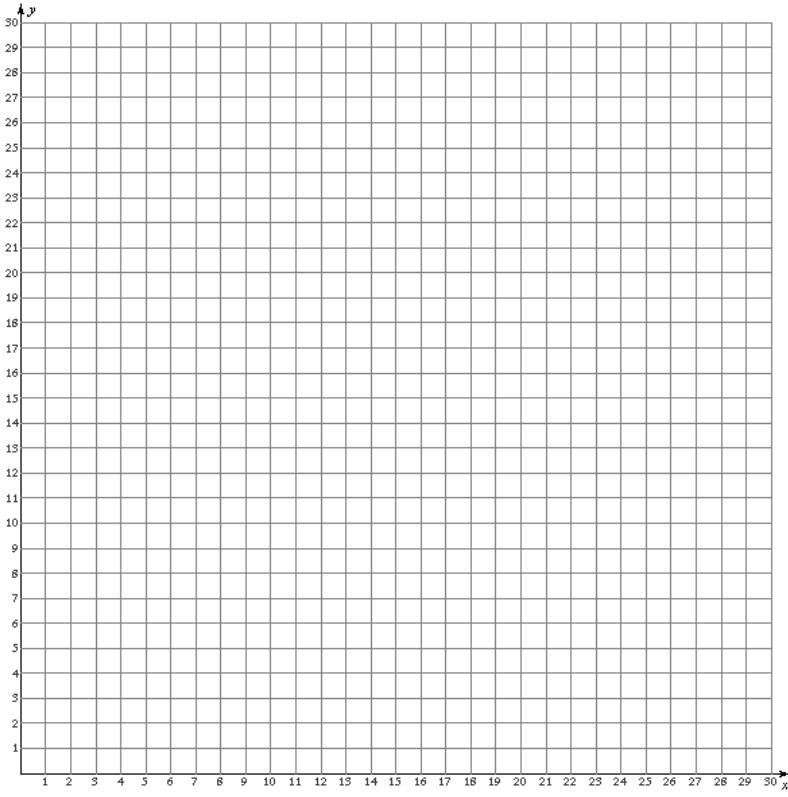


The Math CAB (in addition to being an awesome website) transports people around town. It charges a \$5.00 flat fee for a ride up to three miles. After that each mile costs an additional \$1.50. Create a graph that shows the cost of a ride ( $y$ ), given the number of miles traveled ( $x$ ).



or





$$f(x) = \begin{cases} x + 1, & x \leq -2 \\ -x - 3, & -2 < x \leq 3 \\ 2, & x > 3 \end{cases}$$

