## Popcorn Multiplication!

Multi-digit multiplication can be as much fun as the popcorn machine at the movies!


Imagine the digits to be multiplied are unpopped kernels.


Use a magnifying glass to heat 6 times 9 kernels until they pop to 54.



Magnify 6 times 8 kernels to pop 48.


Magnify 7 times 8 kernels to pop 56, which heat \& pop 6 partials to make 62.
2 covers 6 so the 6 is not added again later.


## Popcorn Multiplication FunSheet

Have fun with magnifying glasses, arcs, full \& partial pops, air pockets, and scoops!


Draw magnifying glasses and arcs as popped corn falls.
Be sure to add an air pocket (zero) for the first layer down.
1)

26
$\begin{array}{r}24 \\ \times 3 \\ \hline\end{array}$
2)

85
86
$\times 7$
3)

$$
\begin{array}{r}
69 \\
\times 40 \\
\hline
\end{array}
$$

Make the motions, but to avoid clutter, do not draw magnifying glasses and arcs. Remember to add two air pockets (zeros) for the second layer down.
4)

5)

6)



