



Lesson 4: Nines

- Finger Factor
- Nines Product Pattern

Name: _____

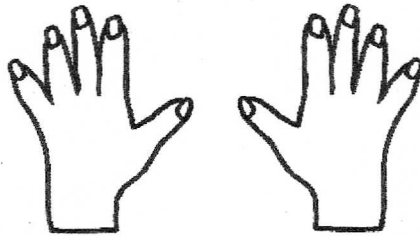
Lesson 4: Practice 1

Factivation!™ For Multiplication

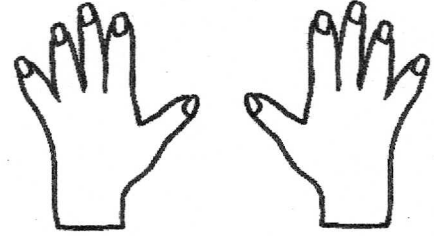
Practice using **Finger Factor**:

Circle the *other number* and shade the finger that you should put down.

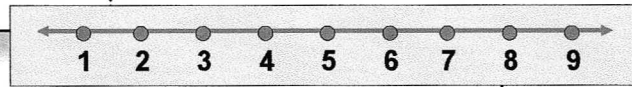
How many fingers are to the left of the shaded finger? How many fingers are to the right?



$$9 \times 3 = \square$$



$$8 \times 9 = \square$$



Use the **Nines Product Pattern** to solve:

- * Identify the *other number* and circle it.
- * What number comes before that number?
- * What plus THAT equals *nine*?

$$5 + 4 = 9$$

$$6 \times 9 = \square$$

$$3 + 6 = 9$$

Example

$$4 \times 9 = 36$$

* 3 comes BEFORE 4,
and $3 + 6 = 9$.

$$8 + 1 = 9$$

$$9 \times 9 = \square$$

Use the *tricks* to complete the practice test questions below!



Nines and Review Facts: Fives and Twos

$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline \square \end{array}$	$\begin{array}{r} 6 \\ \times 9 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline \square \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline \square \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline \square \end{array}$
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