



Lesson 4: Nines

- Finger Factor
- Nines Product Pattern

Name: _____

Lesson 4: Practice 3

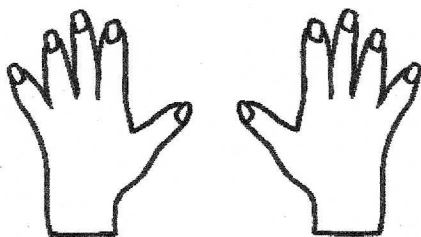
Factivation!™

For Multiplication

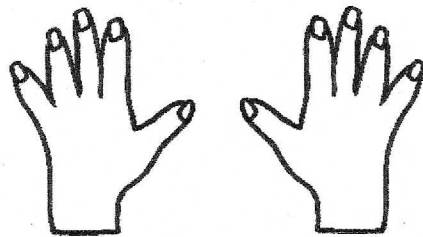
Practice using **Finger Factor**:

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

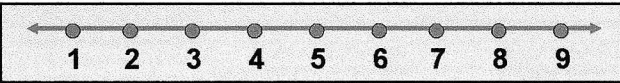
How many fingers are to the left of the shaded finger? How many fingers are to the right?



$$9 \times 4 = \square$$



$$7 \times 9 = \square$$



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*?

Example

$$2 + \boxed{7} = 9$$

$$\boxed{3} \times 9 = \boxed{27}$$

* 2 comes BEFORE 3,
and $2 + \underline{7} = 9$.

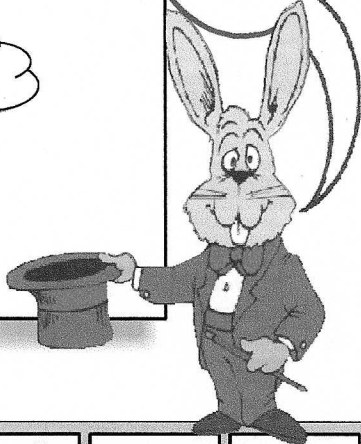
$$5 + \square = 9$$

$$6 \times 9 = \square$$

$$7 + \square = 9$$

$$9 \times 8 = \square$$

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



Nines and Review Facts: Fives and Twos

$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$
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