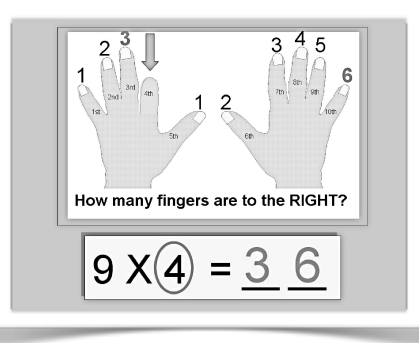


Now that you know this fact, you can solve many multiplication and division problems...

Practice these **LOGICAL LINKS!**



1 BASIC FACTS

$$9 \times 4 = \square$$

$$4 \times 9 = \square$$

2 MISSING FACTORS

$$9 \times \bigcirc = 36$$

$$4 \times \bigcirc = 36$$

3 DIVISION FACTS

$$\begin{array}{r} \bigcirc \\ 9 \overline{)36} \end{array}$$

$$36 \div 9 = \bigcirc$$

$$\begin{array}{r} \bigcirc \\ 4 \overline{)36} \end{array}$$

$$36 \div 4 = \bigcirc$$

2 MENTAL MATH

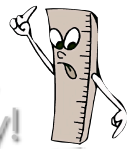
$$\underline{9} \times \underline{4} = \square \quad \underline{4} \times \underline{90} = \square$$

$$\underline{90} \times \underline{4} = \square \quad \underline{40} \times \underline{9} = \square$$

$$\underline{90} \times \underline{40} = \square \quad \underline{40} \times \underline{90} = \square$$

3 ESTIMATING PRODUCTS

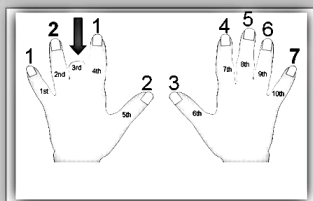
Round first,
then multiply!



$$92 \times 4 = \square$$

$$43 \times 9 = \square$$

$$88 \times 41 = \square$$



$$9 \times 3 = 27$$

Now that you know this fact, you can solve many multiplication and division problems...

Practice these **LOGICAL LINKS!**

1 BASIC FACTS

$$9 \times 3 = \square$$

$$3 \times 9 = \square$$

2 MISSING FACTORS

$$9 \times \bigcirc = 27$$

$$3 \times \bigcirc = 27$$

3 DIVISION FACTS

$$\begin{array}{r} \bigcirc \\ 9 \overline{)27} \end{array}$$

$$27 \div 9 = \bigcirc$$

$$\begin{array}{r} \bigcirc \\ 3 \overline{)27} \end{array}$$

$$27 \div 3 = \bigcirc$$

2 MENTAL MATH

$$\underline{9} \times \underline{3} = \square \quad \underline{3} \times \underline{90} = \square$$

$$\underline{90} \times \underline{3} = \square \quad \underline{30} \times \underline{9} = \square$$

$$\underline{90} \times \underline{30} = \square \quad \underline{30} \times \underline{90} = \square$$

3 ESTIMATING PRODUCTS

Round first,
then multiply!



$$94 \times 3 = \square$$

$$32 \times 9 = \square$$

$$92 \times 27 = \square$$

Nines Product Pattern

1 2 3 4 5 6 7 8 9

$7 + 2 = 9$

$9 \times 8 = \underline{7} \underline{2}$

Now that you know this fact, you can solve many multiplication and division problems...

Practice these **LOGICAL LINKS!**

1 BASIC FACTS

$$9 \times 8 = \square$$

$$8 \times 9 = \square$$

2 MISSING FACTORS

$$9 \times \bigcirc = 72$$

$$8 \times \bigcirc = 72$$

3 DIVISION FACTS

$$\begin{array}{r} \bigcirc \\ 9 \overline{)72} \end{array}$$

$$72 \div 9 = \bigcirc$$

$$\begin{array}{r} \bigcirc \\ 8 \overline{)72} \end{array}$$

$$72 \div 8 = \bigcirc$$

2 MENTAL MATH

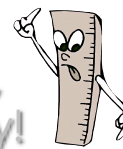
$$\underline{9} \times \underline{8} = \square \quad \underline{8} \times \underline{90} = \square$$

$$\underline{90} \times \underline{8} = \square \quad \underline{80} \times \underline{9} = \square$$

$$\underline{90} \times \underline{80} = \square \quad \underline{80} \times \underline{90} = \square$$

3 ESTIMATING PRODUCTS

Round first, then multiply!



$$91 \times 8 = \square$$

$$83 \times 9 = \square$$

$$87 \times 76 = \square$$