

Parent Roadmaps to the Common Core Standards — Mathematics: Elementary

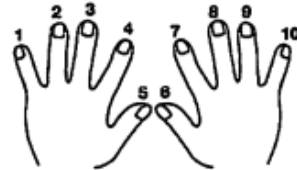
The Nines Trick

Multiply any number by nine using this trick. Here's how....

Let's say you wanted to multiply 9×7 .

Step 1: Hold up all 10 of your fingers.

Imagine they're numbered 1 through 10, as you see in the picture.



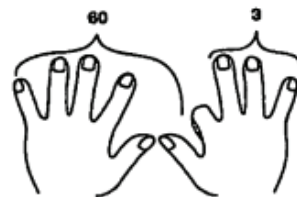
Step 2: Since you're multiplying 9×7 , you fold down the seventh finger, like this.



Step 3: Count the number of fingers to the left of the folded finger (6).

Count the number of fingers to the right of the folded finger (3).

Your answer is 63.



$$9 \times 7 = 63$$

Remember: Whatever number you want to multiply by nine, that's the finger you fold down.

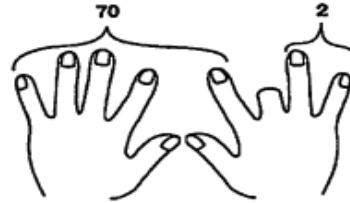
More Examples

If you wanted to multiply 9×3 , your fingers would look like this:



$$9 \times 3 = 27$$

If you wanted to multiply 9×8 , your fingers would look like this:



$$9 \times 8 = 72$$

Practice this skill with your child for approximately 30 minutes. When you feel it is a skill that you both have mastered, please complete the survey at the end of this newsletter and return it to the school for a Uniform-Free Day! The survey should be returned to Katherine Kennedy, the GSD Parent Involvement Coordinator.