

Welcome, Parents!

Math Night
First Grade team
Fluency

The slide features a light blue background with several stylized autumn leaves scattered around the edges. The leaves are in shades of green, orange, and yellow. At the bottom, there are rolling green hills. The main title is centered in a large, black, serif font.


What is fluency?

Common
Core state
standard

1. OA.6


Fluency

Fluency is when a child can quickly, no more than 3 seconds, answer a number equation without the aide of counting in their head or on their fingers. Ex. $3+3=6$, $3-3=0$




First grade students are to become fluent to 10 before entering second grade

What does this mean?



Students enter first grade upon mastery of Kindergarten standard K.OA.5. (0-5 facts) First grade students build upon this fluency in preparation for second grade.



5 and 10





The numbers 5 and 10 are heavily focused on during Kindergarten and First grade. This is because these numbers are benchmark numbers that are at the core of our number system. Do not let it surprise you if your child masters their 10 facts before mastering 6-9 facts!



Equations and story problems



Not only will your child be held accountable for solving number equations such as, $0+6=6$, $6+0=6$ but also story problems such as, there were 0 pencils in the basket the teacher added 6 pencils to the basket how many pencils are there now?





First grade facts

6, 7, 8, 9 and 10



6 facts

$0+6=6$

$6-3=3$

$6+0=6$

$6-4=2$

$1+5=6$

$6-5=1$

$5+1=6$

$6-6=0$

$2+4=6$

$4+2=6$

$3+3=6$

$6-0=6$

$6-1=5$

$6-2=4$

7 facts

$0+7=7$

$7+0=7$

$1+6=7$

$6+1=7$

$2+5=7$

$5+2=7$

$3+4=7$

$4+3=7$

$7-0=7$

$7-1=6$

$7-2=5$

$7-3=4$

$7-4=3$

$7-5=2$

$7-6=1$

$7-7=0$

8 facts

$0+8=8$

$8-0=8$

$8+0=8$

$8-1=7$

$1+7=8$

$8-2=6$

$7+1=8$

$8-3=5$

$2+6=8$

$8-4=4$

$6+2=8$

$8-5=3$

$3+5=8$

$8-6=2$

$5+3=8$

$8-7=1$

$4+4=8$

$8-8=0$

9 facts

$0+9=9$

$9-0=9$

$9+0=9$

$9-1=8$

$1+8=9$

$9-2=7$

$8+1=9$

$9-3=6$

$2+7=9$

$9-4=5$

$7+2=9$

$9-5=4$

$3+6=9$

$9-6=3$

$6+3=9$

$9-7=2$

$4+5=9$

$9-8=1$

$5+4=9$

$9-9=0$

10 facts

$0+10=10$

$6+4=10$

$10-7=3$

$10+0=10$

$5+5=10$

$10-8=2$

$1+9=10$

$10-0=10$

$10-9=1$

$9+1=10$

$10-1=9$

$10-10=0$

$2+8=10$

$10-2=8$

$8+2=10$

$10-3=7$

$3+7=10$

$10-4=6$

$7+3=10$

$10-5=5$

$4+6=10$

$10-6=4$