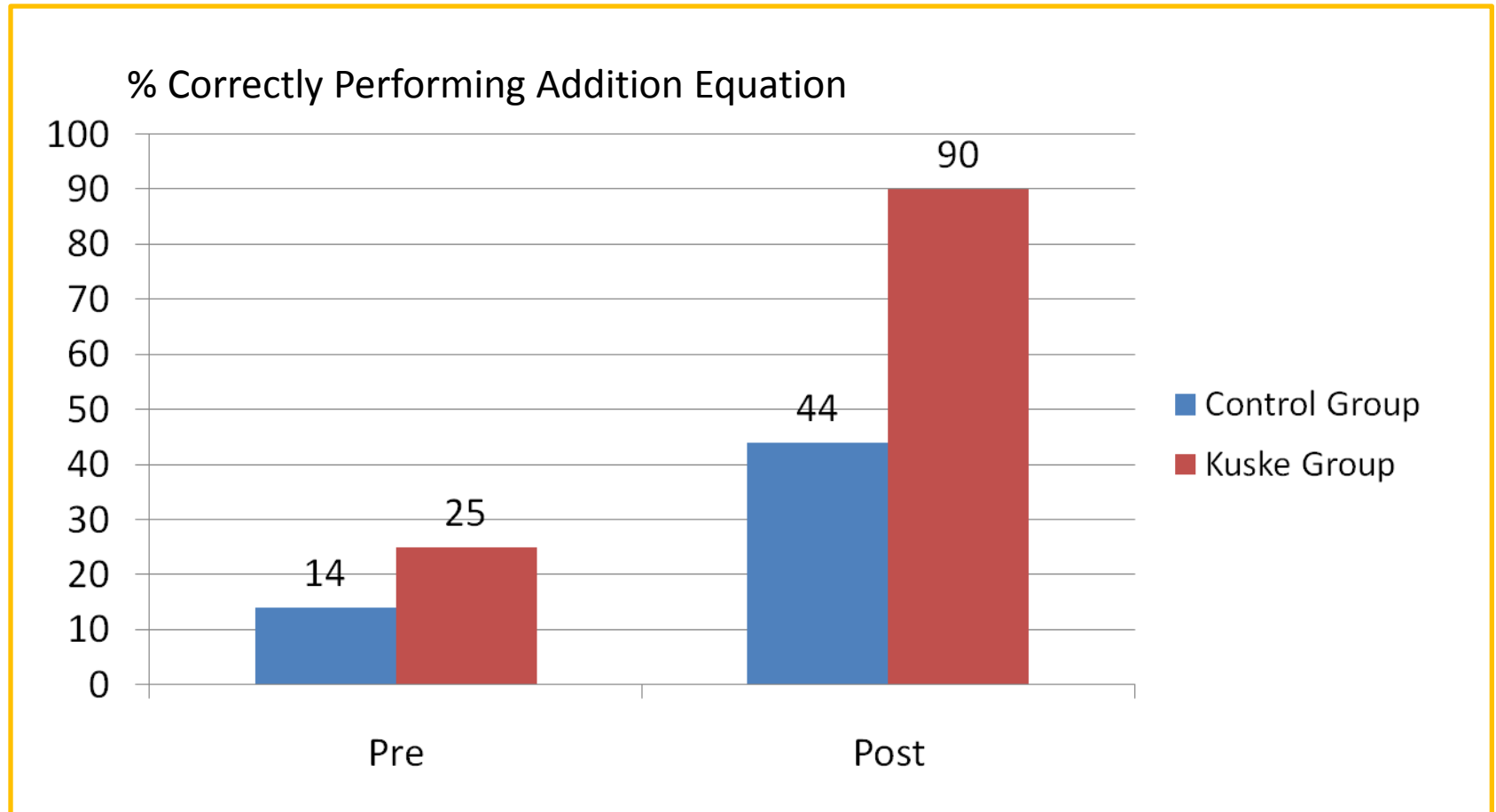


Kuske Math Research Findings

Ability To Perform “2 + 1” Addition Equation

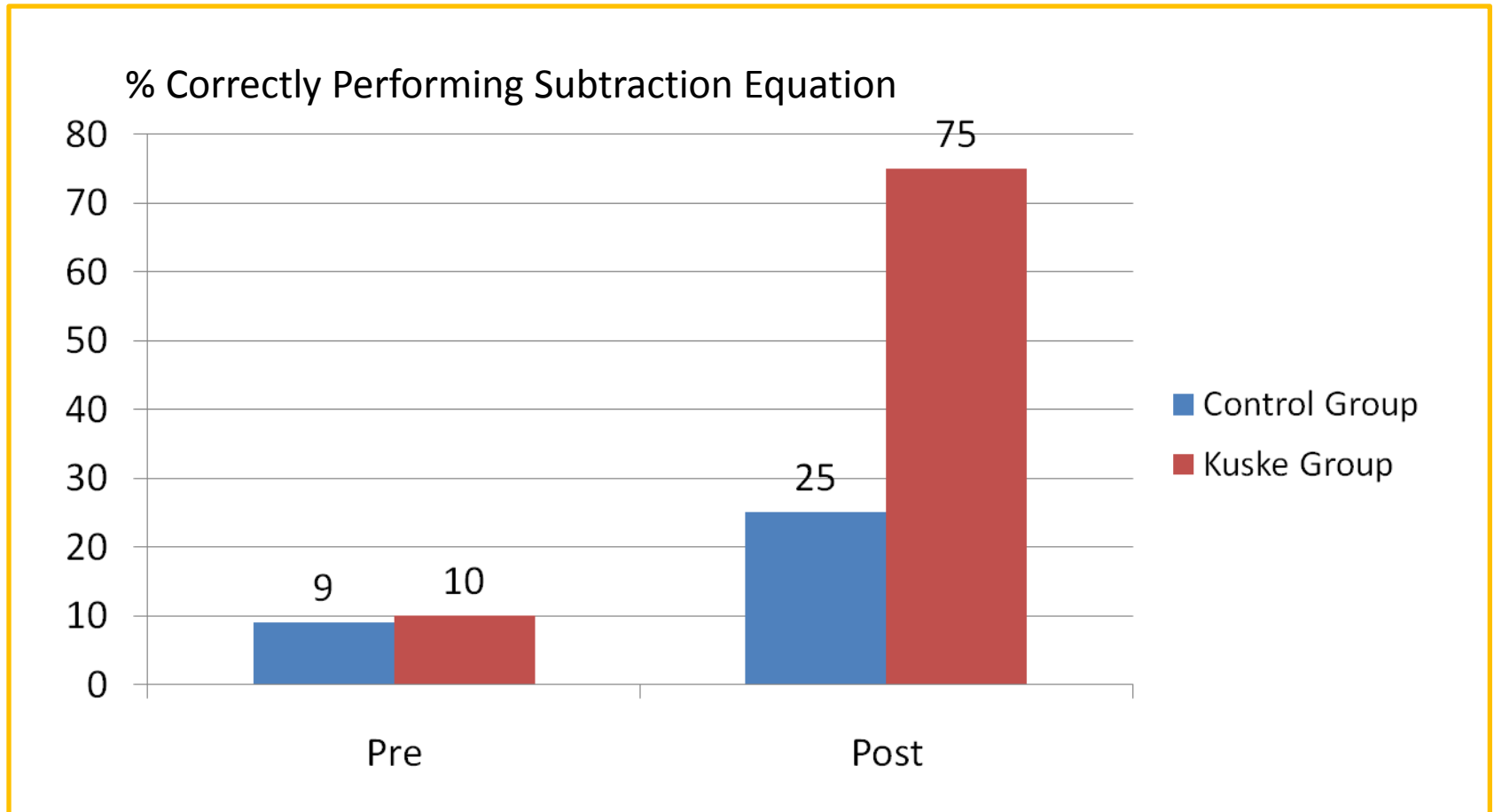
- ❖ At the beginning of the school year, 14% of the Control Group and 25% of the Kuske Math Group were able to perform the 2 + 1 addition equation.
- ❖ At the end of the school year, the Kuske Math Group outperformed the Control Group by 46 percentage points (90% to 44%).
- ❖ During this period, the Kuske Math Group’s scores improved 65 percentage points, while the Control Group’s scores improved just 30 percentage points.



Kuske Math Research Findings

Ability To Perform “3 – 1” Subtraction Equation

- ❖ At the beginning of the school year, both groups were equally able to perform the 3 - 1 subtraction equation.
- ❖ At the end of the school year, the Kuske Math Group outperformed the Control Group by a 3 to 1 margin (75% to 25%).
- ❖ During this period, both group’s scores improved. However, the Kuske Math Group’s scores improved 65 percentage points, while the Control Group’s scores improved just 16 percentage points.



Kuske Math Research Findings - Methodology

- During the 2008-2009 school year, 55 WA State School District Head Start Program children ages 3, 4 and Pre-K were pre and post tested for their math aptitude capabilities including:
 - Basic Addition; and
 - Basic Subtraction.

- All children were given the same tests, were tested in similar environments and were given the same amount of time, aid, etc. The only difference is that the Pilot group of children were taught math using the Kuske Math Original 4-group Method™.

- This summary provides results achieved in September 2008 (“pre period) and in June 2009 (“post period”) for the following exercises including:
 - Can the child successfully add “ $2 + 1$ ”.
 - Can the child successfully subtract “ $3 - 1$ ”.