

GC Math Placement Guide

To begin Level A your child should:

- be able to recognize numbers to 100
- add and subtract with single digits

They should be working on learning their addition and subtraction facts up through $9 + 9$ and $18 - 9$. They should know how to find the answers they don't know by using a number line or counting up to find the answer.

To begin Level B your child should:

- be able to recognize numbers to 1000
- add and subtract double digits without carrying or borrowing
- recognize $\frac{1}{2}$ and be able to draw a representation of it

They should know or be learning their addition and subtraction facts. They can practice their multiplication facts to prepare for the next level. Use facts books, cards, and online games to not lose their progress.

To begin Level C your child should:

- be able to recognize numbers to 10,000 (or at least 9,999)
- add and subtract at least double digits with carrying and borrowing
- know how to read a clock to half hour
- recognize, represent with pictures, and write basic fractions $\frac{1}{2}$, $\frac{1}{4}$, etc.
- understand the concept of multiplication

They should know or be into learning their multiplication facts. They will need to use them. They should know tricks and strategies for facts and for figuring out ones they don't know. They can use our facts book for this and can even look up facts they don't remember.

To begin Level D your child should:

- be able to recognize numbers to one million
- add and subtract at least triple digits with borrowing and carrying
- multiply at least double digits by double digits
- understand the concept of division
- know how to write fractions to describe parts of a whole
- read clocks to the quarter hour

They should know or be learning their division facts. They will need to use them. They should be able to use what they know of multiplication to find the answers they need. They can use our division facts book to look up facts they don't know.