

# How do I help my child, I didn't learn this math?!

Students will be learning math concepts different than we did when we were in school. This is done to help students gain a better understanding of math concepts.

- We aim to give students a conceptual understanding before offering the “shortcut” which is many times a formula. This means we might teach and explore a concept like equivalent fractions with numbers lines and pictures before teaching the “shortcut” of multiplying. This tells students the why behind the concept which leads to true understanding instead of following a formula with no idea why.
- Students are encouraged to solve a problem a variety of ways. That is how they show they truly understand the math concept. For example, there are several different ways to solve a problem as simple as  $12 \times 8$ .

As, we move through different concepts you will find documents, videos and various other links posted that will help you to understand what is being done in class. Sometimes a quick google search can take you to a video tutorial as well. Always feel free to ask your student to explain too! Teaching someone else is a great way to practice a math skill!