**7th grade**

[**https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-negative-numbers-add-and-subtract#cc-7th-add-sub-neg-number-line**](https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-negative-numbers-add-and-subtract#cc-7th-add-sub-neg-number-line)

**BEFOR YOU START**

**Coach planning:** Talk to your partner coach and make a plan on who will do what. Talk about the math topics and make sure you have a clear understanding of what you will be doing with the students.

**Review**: Before going over this material ask the student to find a math problem from their class work that week. Ask the students to write the problem in the chat. Then practice the student problems as a group.

**Note**: If the students seem confident in the work and they are doing well with the practice problem you can progress to the next level of that topic. An example would be if the students are doing fine with addition with decimals in the 10s place move to the 100s place.

**What if only one student is struggling with the work?** A great way to approach this is to use a student that can do the problems. Ask the student who does understand the math to explain to you, step by step how to solve the equation. Example ‘Jane can you tell me how to solve 2(3+5)=? What should I do first?’ this gives Jane a chance to show her skills but also does not draw attention to the fact that John is having a hard time.

**Warm up game**: Tell the students that they are going to race. Tell the student to write the answer to the questions in the chat. Ask one of the questions listed below or share screen and write on the white board. If you want you can also hold up the question.

* How many legs does a spider have? 8
* What is 23+33=? 56
* What’s the name of a place you go to see lots of animals? Zoo
* What is the color of a school bus? Yellow
* 19-8=? 11
* What do bees make?
* What is 5x4=? 20
* Which animal is the tallest in the world? Giraffe
* What can run but can not walk? A runny nose

**Ask**: Ask the student what subject is the most difficult subject in school. Please take notes on what the kids say. Encourage them to elaborate on what is hard for them.

**Math: Adding and Subtracting negative numbers on a number line**

Review the links and watch the videos to prepare to help the students.

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* Videos: <https://youtu.be/3CKpidALDEg> and <https://youtu.be/Ddvw2wEBfpc>