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| **Estimation & Order of Operations Activities** | |
| **Suggested Activity Duration: 45 min.** | |
| **MATERIALS AND SETUP** | |
| * Projector * Dice | * Triple front-flip video |
| **PROCEDURE** | |
| 1. **Triple Front-Flip Video**  * Show the students my video (triple front-flip video): <https://www.youtube.com/watch?v=P_rai4zyUeY> * Say “I know that you are all smart. Let’s figure out how high the cliff was.”   + Work through it with them – remind them to use math language and draw diagrams   + Hints:     - I am 5’ 11” (180 cm or 1.8 meters)       * Round to 6’?     - Trace the picture on the whiteboard  1. **Making Ten with Math Operations**  * Explain the game to the class: roll a die three times, write down the numbers, and then use math operations (+, -, ×, ÷) to find the numbers one through ten   + Do it once as an example   + Tell them that they will do the game in pairs in their desk groups (group of three is OK)   + Tell them that I’d like them to choose one person to go get the die and a pencil (if they need it) and another person to get scrap paper (if they need it)   + Tell them that I’d like them to crouch down and roll the dice on the ground next to their desks     - One person will roll the die, the other will write the numbers | |
| **REFLECTION** | |
| The class seemed to really enjoy the cliff jumping video and activity. I found that there was lots of participation in figuring out how high the cliff was.  The class liked the dice game and seemed to catch on quickly. | |