

Add and Subtract with Place Value Dice

For 1 to 8 students

Materials:

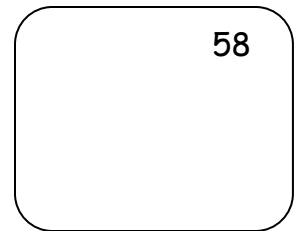
- 1 set of place value dice (1's, 10's, 100's, 1000's, 10,000's, 100,000's: determine by level of students)
- 1 die with addition and subtraction symbols (for more subtraction practice, create a die with 4 subtraction symbols and 2 addition symbols.)
- 1 whiteboard, a marker, eraser for each student

Directions:

Step 1) Player A rolls dice and states number. (Only the player rolling gets to state the number!) All students write this number in one corner of their board. It does not matter which corner.

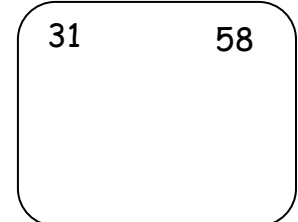
For example:

50	8
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Step 2) Player B rolls dice and states number.

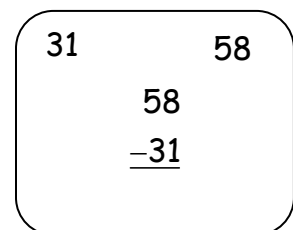
30	1
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Step 3) Player C rolls operations dice to determine whether the numbers should be added or subtracted.

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Step 4) Explains to students that because they are finding the difference, they must put the larger number on top. Have students write problem and solve.



Step 5) After checking all answers, play continues with Player B rolling 1st number, Player C rolling 2nd number, and player D rolling the operations die. Continue taking turns around the circle.