



ACTIVITY 12: “Subtracting from 11 and 19” (introduction to “Bottoms Up”)

Purpose of the activity:

- Student will be able to successfully subtract a number from 11 and 19.

Materials needed:

- One basic black die, one advanced black die and subtraction chart

How to play:

- **Variation 1** - Teacher rolls a number using a basic black die. Teacher instructs student to subtract that number from 11. Student may use subtraction chart if needed. After Student finds the difference, the Teacher shows Student that the answer is on the opposite side of the die (i.e., on the opposite side of 8 is 3)
- **Variation 2** – The exact same as Variation 1 except that an advanced black die is used, and the Student subtracts the number they see from 19 to get the number on the bottom of the die. This answer cannot be found on the subtraction chart.

Possible Next Steps/ When to Move On:

- Teacher discretion when Student can quickly determine what number is on the bottom of both a basic and an advanced die. After the Student has mastered that skill, they will be able to perform the “Bottoms Up” version of every activity, which simply uses the number on the bottom of the die instead of the one they can see on the top of the die.