



ACTIVITIES 33-36: “Four Dice Correct Order of Operations”

Purpose of the activity:

- Student will be able to correctly find the answer using correct order of operations with four dice.

Materials needed:

- 2 basic black dice, 2 basic green dice and 2 basic red dice, 2 advanced green dice, one advanced black die and one advanced red die.

How to play:

- Teacher will have the Student roll four dice and find the answer using the correct order of operations. The dice for each activity will be:
 - Activity 33 (multiply two basic green dice and add two basic black dice)
 - Activity 34 (multiply two advanced green dice and subtract two basic red dice)
 - Activity 35 (multiply two basic green dice add one advanced black die and subtract one basic red die)
 - Activity 36 (add one basic black die and one advanced black die, multiply by one basic green die and subtract one advanced red die)

Possible Next Steps/ When to Move On To Next Activity:

- The next step will be to start doing problems with 5 or more dice where the proper order of operations is critical to solving the problem accurately.
- Teacher discretion when student is ready for the next level.
- All of these activities would work well as a “30 second challenge”