



ACTIVITIES 27-32: “Three Dice Correct Order of Operations”

Purpose of the activity:

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

Materials needed:

- 2 basic black dice, 2 basic green dice and 1 basic red die

How to play:

- Teacher will have student roll three dice and find the answer using correct order of operations. The dice for each activity will be:
 - Activity 27 (multiply two basic green dice and add one set basic black die)
 - Activity 28 (multiply two basic green dice and add one basic black die)
 - Activity 29 (multiply two basic green dice and subtract one set basic red die)
 - Activity 30 (multiply two basic green dice and subtract one basic red die)
 - Activity 31 (add two basic black dice and multiply by one set basic green die)
 - Activity 32 (add two basic black dice and multiply by one basic green die)

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

- The next step will be to start doing problems with more advanced dice.
- Teacher discretion when the Student is ready for the next level.
- All of these activities would work well as a “30 second challenge”
- Eventually the Student will advance to problems where the order of operations is critical using four or more dice.