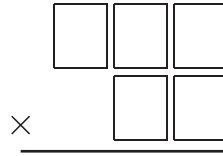


7.1: Greatest Product



Directions:

- Partner A chooses a number card and writes the number in one of the blanks for Round 1.
- Partner B does the same.
- Repeat until each partner has a two-digit by three-digit multiplication problem.
- Find the product.
- The partner with the greater product wins a point.
- The partner with the most points after 5 rounds wins the game.

7.2: Desperately Seeking 9 New Units

Tyler notices that when he uses the standard algorithm and composes a new unit, sometimes there is 1 new unit, sometimes 2, all the way up to 8. He has not seen an example with 9 of the new unit.

1. For each of these products, how many of each new unit do you compose?

a. 256×5

b. 587×8

c. 809×9

2. Do you think it is possible to compose 9 of a new unit with the standard multiplication algorithm?