Week 3 Quiz

Directions: Complete the quiz and send me your answers via email.

* **1.** A math quiz is made up of 5 multiple-choice questions, each with 4 possible answers.

 How many possible sets of answers are there?

* 1. 9
	2. 20
	3. 625
	4. 1024
* **2.** How many ways can you order a pizza if you pick one from each choice;

4 sizes, 3 different crusts, 5 kinds of cheese, and 12 toppings?

* 1. 60
	2. 720
	3. 80
	4. 1440
* **3.** Students at Midtown Middle School can choose their schedule from 3 math courses, 3 science courses, 2 social studies courses, and 2 art courses. Determine the number of possible schedules that include one course in each subject area.
	1. 36
	2. 10
	3. 20
	4. 18
* **4.** A minor-league baseball team had three players tryout for each of the nine positions.

How many ways could the team be formed?

* 1. 27
	2. 729
	3. 19,683
	4. 6561
* **5.** A restaurant offers 6 appetizers, 4 salads, 8 entrees, and 5 desserts. Find the number of possible meals that include one item from each course.
	1. 2880
	2. 5760
	3. 11,520
	4. 960