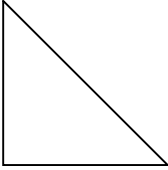

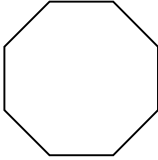
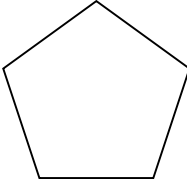
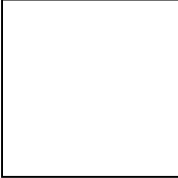


**Quiz
Construction Math**

I. POLYGONS. For each shape illustrated below, list the name and the number of sides for each.

	Name	Number of Sides	
1	_____	_____	
2	_____	_____	
3.	_____	_____	
4.	_____	_____	
5.	_____	_____	

II. CONSTRUCTION MATH.

6. Your boss needs to order baseboard for the master bedroom remodel that you are working on. In order to determine how much base board you will need, you must calculate the *perimeter* of the room, giving you an answer in linear feet. The room is twelve feet wide by fourteen feet long. **SHOW YOUR WORK!**

7. For the same job, your boss also needs to order ceramic tile for the bath. In order to determine how much tile you will need, you must calculate the *area* of the room, giving you an answer in square feet. The room is eight feet wide by ten feet long. **SHOW YOUR WORK!**

8. For another job, your boss must order siding for the gable end of a house. In order to determine how much siding you will need, you must calculate the *area* of the gable, giving you an answer in square feet. The gable is twenty feet wide by ten feet high. **SHOW YOUR WORK!**

9. If a classroom is twenty-five feet wide, by thirty feet long, and has a closet that is eight feet by five feet, how many total square feet is that? **SHOW YOUR WORK!**

10. You have been tasked to deliver fasteners to three construction sites. One site requires fifty pounds, another requires two fifty pound boxes, while yet another needs three. How many fifty pound boxes will you need? How many total pounds will it weigh? **SHOW YOUR WORK!**