QUESTIONS TO HAND IN-INTRODUCTION

NAMELAB DAY/TIME	
2.	The same clerk measures out a 50 cm x 150 cm piece of screen. What is the best value for the area of the screen?
3.	Assuming the uncertainty in each length is still ± 1 mm, what is the percentage uncertainty in the area measurement?
4.	A carpenter measures the placement of studs in a wall every 16 inches. When she tries to fit an 8 ft length of wallboard, how many studs should it cover?
5.	Assume that she can allow herself an error of $\pm \frac{3}{4}$ inch (half the width of a 2 x 4), with what accuracy must she make the measurements that locate each stud?