

Class 1030-6 Quiz number 2 SAMPLE

Exercise 1 (5pt): What is the area of a soccer field that is 20 meters by 1,600 centimetres? What is its area? Make the computations in scientific notation. Which is the magnitude of the number you obtained?

Exercise 2 (5pt): New Jersey and Wyoming have areas of 7,419 and 97,105 square miles, respectively, and populations of 8.4 million and 490,000, respectively. Calculate and compare their average population density. What is the average on dozens per square foot?
(1 mile = 5280 feet, 1 dozen = 12 people)

Exercise 3 (5pt): Complete the table:

Percentage:	Decimal:	Fraction:
10%	0.1	1/10
2.5%		
	0.423	
		15/7

Exercise 4 (7pt): The 80% of the students of this class doesn't like math. Of them:

- The 20% didn't want to take the class;
- The 60% doesn't like the subject at all;
- Of the people that don't like the subject at all, only the 30% is from an history major.

Which percentage of the total number of students that don't like the class at all and are not from an history major?