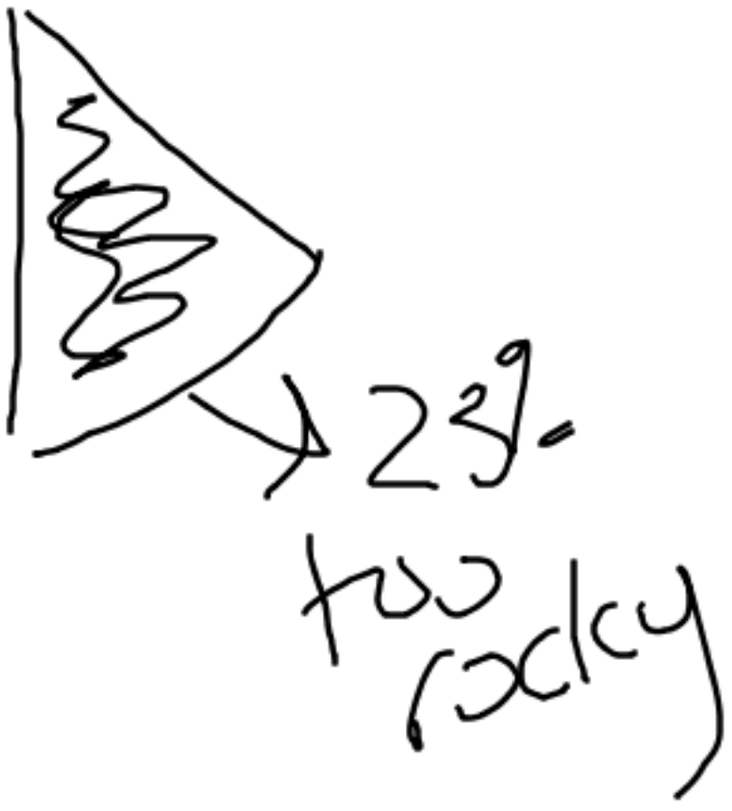
Back of blue sheet

Pie Graphs

Sept 25



1 a) too rocky 23%
too dry 28%

b) ha → hectare

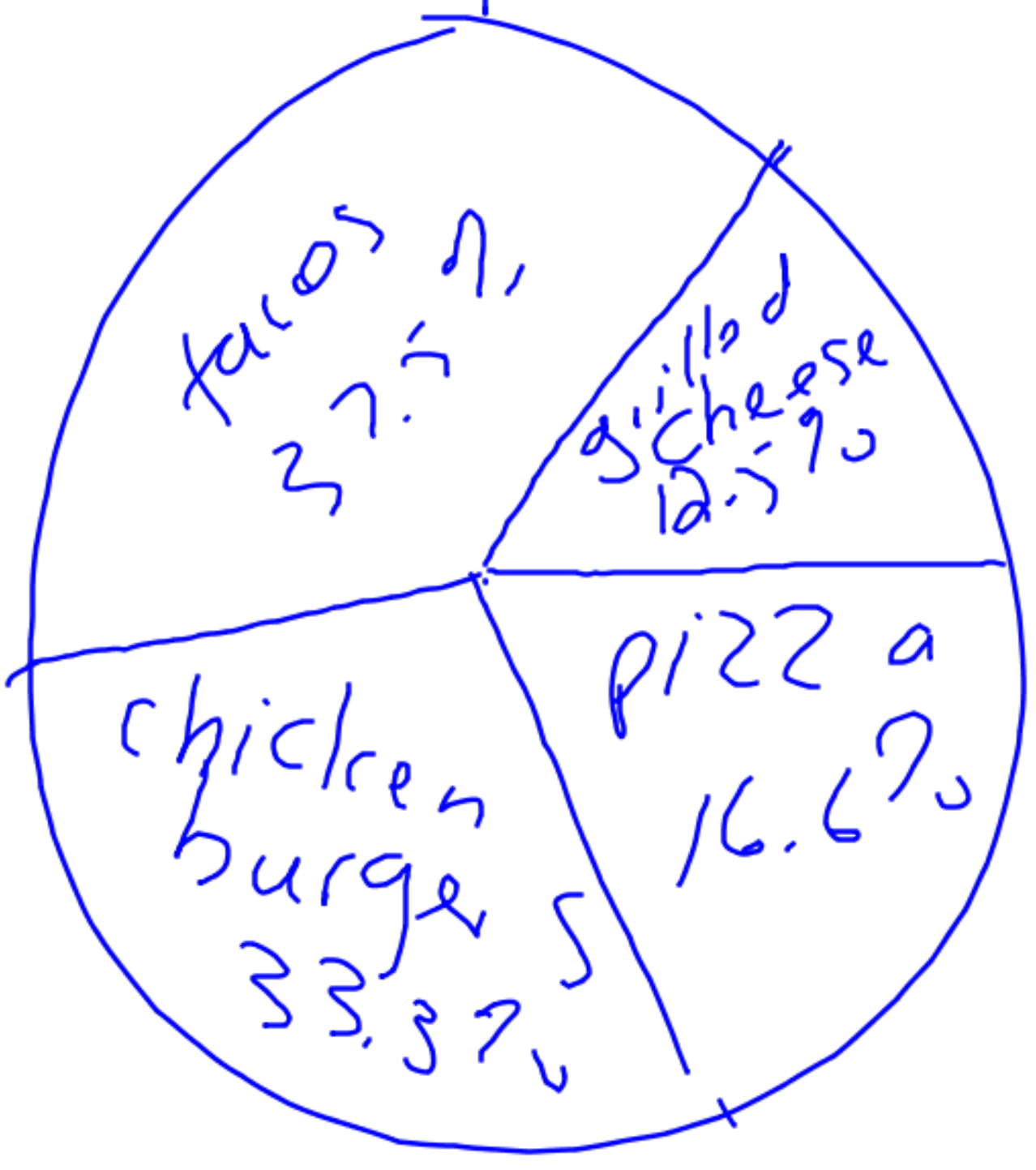
500 x 0.11 = 55

Only 55 out of 500 ha is suitable for farming

3.

Type of Waste	Percent	Degrees
Paper	40 x3.6	144°
Yard Waste	18 x3.6	64.8°
Food Waste	12	43.2°
Glass	8	28.8°
Plastic	7	25.2°
Steel	7	25.2°
other	8	28.8°
Total:	100	360°

Lunch Choices



Study Sheet

Write the letter of each statement above its correct answer.

S	A number that can be written as a fraction $\frac{a}{b}$, where a and b are integers and $b \neq 0$, is a rational number.
I	A fraction can be changed to a decimal by dividing the numerator by the denominator.
A	When a fraction is changed to a decimal and the remainder is zero, the decimal is called a terminating decimal.
D	When a fraction is changed to a decimal and the remainder is NOT zero, a digit or block of digits will eventually start to repeat. Such a decimal is called a repeating decimal.
S	Thus, since a rational number is a number that can be written as a fraction, every rational number can be expressed as either a terminating or repeating decimal.
H	The reverse is also true. Every terminating or repeating decimal represents a rational number and can be changed to a fraction.
F	A number that CANNOT be expressed as a fraction $\frac{a}{b}$, where a and b are integers, is an irrational number.
H	Terminating and repeating decimals represent rational numbers. Therefore, the decimals for irrational numbers neither terminate nor repeat.
I	Instead, the decimal for an irrational number is an endless string of digits that never repeats and never terminate.
N	An example of an irrational number is 0,121 221 222 1...

H	Terminating and repeating decimals represent rational numbers. Therefore, the decimals for irrational numbers neither terminate nor _____.
I	Instead, the decimal for an irrational number is an endless string of digits that never repeats and never _____.
N	An example of an irrational number is _____.
P	The union of the set of rational numbers and the set of irrational numbers is called the set of real numbers.
S	Every decimal represents a real number, and every real number can be represented as a decimal.

irrational number
terminates
rational number
fraction
0.12121212 . . .
terminating decimal
0.12122122221 . . .
repeating decimal
integer
decimal
repeat
numerator by the denominator
real numbers
terminating or repeating