

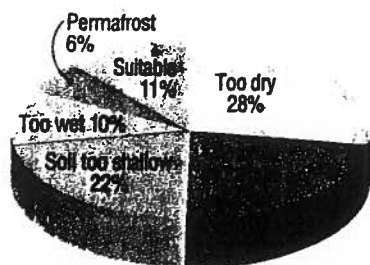
Chapter 3*Note: there will be a homework quiz every day!!!*

	Description & Homework
Number Sets Decimal & Fraction Forms Section 3.5 Pg. 118-123	Real, Rational, Irrational, Integer, Whole & Natural Numbers Number Lines Equivalent forms; Lowest terms; Numerator & Denominator Terminating, Non-terminating & Repeating Decimals Period & Length of a Repeating Decimal <u>Classwork:</u> Pg 121: 1a, d, e, h, 2, 3, 10, 11, 18, 19 Pg 122: 26, 27, 28, 32, 34, 38, 44, 45, 53, 55, 59, 62, 65, 67, 69, 75, 76, 80 <u>Homework:</u> Pg 121: 1j, k, l, 7, 8, 12, 13, 14, 17, 20, 21, 23, 25 Pg 122: 30, 33, 36, 40, 42, 49, 50, 51, 56, 57, 58, 60, 63, 64, 68, 71, 74, 78, 79, 81 Pg 123: 84
Multiplying & Dividing Rational Numbers Section 3.6 Pg. 126-129 Section 3.7 Pg. 130-133	Estimate First! Reciprocals & Opposite Rational Numbers <u>Classwork:</u> Pg 128: 1-6, 8, 10, 13, 15, 22 Pg 129: 24, 25, 30 <u>Homework:</u> Pg 128: 7, 12, 14, 17, 18, 21 Pg 129: 23, 26, 31, 34, 35 <u>Classwork:</u> Pg 132: 1-16 orally, 17, 18, 25, 26 <u>Homework:</u> Pg 132: 19, 20, 30, 31, 32, 33, 34, 35, 39, 42
Adding & Subtracting Rational Numbers Section 3.9 Pg. 136-139	Lowest Common Denominator <u>Classwork:</u> Pg 137: 1, 2, 3, 4, 5, 7, 20, Pg 138: 26, 32, 37 <u>Homework:</u> Pg 137: 6, 8, 9, 13, 24, 25 Pg 138: 27, 29, 36, 38, 39, 41, 42
BEDMAS Order of Operations Extended Applications Problems with Real Numbers Section 3.10 Pg. 140-143	Review BEDMAS with integers & rational numbers <u>Classwork:</u> Pg 141: 2, 3, 4, 5, 6, 11, 12 Pg 142: 20a, c, e, 21b, f <u>Homework:</u> Pg 141: 7, 8, 9, 10, 13, 16 Pg 142: 19, 20b, g, h, 21d, g, h, 23 <u>Bonus:</u> Pg 142: 22 & 23 show your work
Statistics Section 4.5 Pg. 182-186 Handout on back of sheet.	Mean, Median, Mode Circle/Pie Graphs <u>Classwork:</u> Pg 185-186: 1- 6, 7, 9, 13, 14, 19 Circle Graphs (on back) 1, 3 <u>Homework:</u> Pg 185-186: 8, 10, 11, 15a/b Circle Graphs (on back) 4,

Bonus	Pg. 153: 1 - 7 Pg. 155: Activities 1, 2, 3
Review Chapter Check	Pg. 156-157: 31 - 76 Pg. 228: 15 Pg. 158: 13 - 36 Pg. 230: 7-8
Unit Test - Tentative date Sept 25/Sept 26	

Problems and Applications

1. The circle graph shows data on the suitability of land for farming.



Suitability of Land for Farming

- Which 2 categories account for over half the land?
- For every 500 ha of land, how many hectares are suitable for farming?

2. The circle graph shows the world's uranium deposits.



World's Uranium Deposits

- Rank the deposits in decreasing order.
- Calculate the angle in the sector that represents Canada's uranium.
- If you measured this angle with a protractor, why might you not get the same answer as you calculated?

3. The table shows the composition of municipal waste. Draw, label, and title a circle graph for these data.

Type of Waste	Percent
Paper	40
Yard Waste	18
Food Waste	12
Glass	8
Plastic	7
Steel	7
Other	8

4. The table shows the number of species of different types of birds that breed in Canada. Use the data to draw a circle graph.

Type of Bird	Breeding Species in Canada
Ducks	36
Birds of Prey	19
Shorebirds	71
Owls	14
Perching Birds	180
Other	80

- Would you represent each of the following on a circle graph, a broken-line graph, or a bar graph? Explain each choice and compare it with your classmates'.
 - the heights of the world's 10 tallest buildings
 - how you spend a school day
 - your shoe size at different ages
- Find out your classmates' blood types. Record the data in a frequency chart and draw a circle graph.
 - Compare your graph with the graph of blood types on the opposite page.