MEL3E – Grade 11 Workplace Mathematics Unit 4 Activity 3 Worksheet 1 (page 1 of 2)

Date: _____

The Stock Pages

The following partial stock market listing was taken from the Toronto Star Business Section. For this assignment you will be required to interpret and use the information in this listing. Please refer to the explanation section to the right of the listing.

						Net	Net 52 - wk	
Stock	PE	Vol	High	Low	Last	Chang	ge Hig	h Low
Elscint	3	268	5.937	5.500	5.500	375	12	5.500
EMTel		494	15.625	15.062	15.125	312	20.625	9.812
EmrsnE		51765	56.937		54.437	437	71.437	40.500
Endesa	17	5930	21.812					17.937
EnisBu	9	4370	8.250			+1.375		6.687
	16	25751				+.687		
Ethyl	4	7577	3.687	3.125	3.125	312	6	2.687
EuroFd		706	18.375	17.250				13.875
ErWtFd		1652		15.125	15.437		19.250	11
Excelsr							16	13.875
ExxnMb		205681				+2.312		69.875
F&M Nt			25			+.437	32.500	21.937
FMC	9		59.937	56.750			75.250	39.250
FPL Gp		32909	46.687		45.312		60.500	36.375
FamDir		34136		19.062		+2.687	26.750	
Fanstel FdExCp	6	192		3.500	3.500	312	6.250	3.125
	11	65930 1027	39.562	5.750		+1.875	61.875	30.562
FedMog	4	21529	13.875	12.687	5.937 12.875		7.062	5.062
FedRity	21	5849	22.250		22	687 +.750	55.625	12.187
Ferro	12	2557	23.750	22.250		+.625	24 30.937	16.375
FCmwF	16	1932	9.250	8.875	8.875	312	10.875	8.937
FFinFd				7.937		062	9.500	0.73/
FtPhil		351	4.500	4.250	4.375		1.500	4.250
FstUC	9	71989	33.437	31.125	31.250	625	56	27.937
CHI-DI-	10	2000				1020		21.101

EXPLANATION

Column 1 – **Stock** – lists the name of the stock (abbreviated)

Column 2 – Price Earnings ratio

Column 3 – **Volume** – the number of shares traded on the day ('nt' represents no trading on that day)

Column 4 - high – the highest price that the stock traded for on the given day

Column 5 - low – the lowest price that the stock traded for on the given day

Column 6 -**last price** – the last price the stock traded for (the current value of the stock at the end of the day)

Column 7 – **Net Change** – the change in the "value" of the stock from the last day

Column 8/9 – Last 52 weeks – represents the highest and lowest price of the stock in the last year.

The following questions are to be answered using the stock market listing above. Show the steps you used to arrive at your answer when calculations are required.

Use the "Last Price" value as the current price of the shares.

1. a) Which stock(s) sold for more than \$40?

- 2. a) How many shares of FdExCp were traded on this day?
 - b) What was the last price the stock traded for on this day?
- 3. Find the value of
- a) 100 shares of EMTel

b) 35 shares of FamDir

c) 17 shares of FMC

d) 132 shares of Ferro

- 4. What stock traded:
 - a) the most shares that day? ______b) the least shares that day? ______
- 5. Which stock(s):
 - a) had the largest increase in price from the previous day?
 - b) had the largest decrease in price from the previous day?
 - c) did not experience a change in price from the last day's price?
- 6. Determine the number of shares of Fanstel that can be bought with \$500.
- 7. Which is worth more 20 shares of FPL Gp or 26 shares of FstUC? Show calculations to support your answer.

- 8. a) What was the lowest value of ExxnMb in the last year?
 - b) What was the highest value of ExxnMb in the last year?
 - c) What is the difference between the lowest and highest price?
- 9. a) Which stock has changed the most in the last year? ______b) Calculate the amount of that change.
- 10. Determine the price of the following stocks on the day prior to the given listing. (Hint: use the change column to see how it changed from the last day)
 - a) Excelsr b) Endesa c) Fedders
- 11. If you bought 75 shares of Excelsr at its highest value of the year and sold it on the day of this listing, how much money would you have lost?