

Technology Integrated Mathematics

Class Notes

Arithmetic: Subtraction of Whole Numbers (Section 1.2)

Let's investigate some problems that will require subtraction. Remember that the order in which you subtract makes a big difference. Try out these subtraction problems and think about why the answer are negatives of each other.

Problem 1: 650 - 320 =

Problem 2: 320 - 650 =

We say that the whole numbers are *not* commutative under subtraction.

Definition: Difference: the answer to a subtraction problem

Once again, it may help to form a quick mental math estimate before you do any work on the calculator. Knowing your basic addition and subtraction facts will help.

expl 1: Subtract.

5640

<u>-325</u>

Always use a minus sign. Sometimes MML does *not*.

You can add to check the answer. How?

expl 2: Tax on a building 8 years ago was \$524,326. The tax now for this building is now \$2,124,000. Find the increase in taxes.

expl 3: The following is your business checkbook register. Find the balances along the right column.

Date	Deposits	Withdrawals	Balance MML will ask for the	
5/2/2019			\$5,234 final balance and then	人
5/7/2019		\$550	each and every	
5/12/2019	\$2,126		balance.	
5/15/2019	\$560			
5/21/2019		\$3,240	What do we add? What do we subtract?	3

expl 4: A worker has wages of \$42,345 but pays withholding taxes of \$5,200. What is her take-

home pay?

Withholding taxes are deducted (subtracted) from the pay check before it is paid out.