 Solution So	Solving for X ** every operation you do to one side of the equation, you must do to the other side as well, it is like keeping the scale balanced** Ex 1: Level I Ex 2: Level II x - 5 = -6 $3x + 3 = 9$
Ex 3: Level III 5x + 25 = -3x - 23 Note that we isolate our unknown cancelling the operations in the order of SAMDEB (backwards of BEDMAS)	Ex 4: Level IV 6(x-2) = -4(2x+1)
Ex 5: Level V 3x + 5 = 4x + 10 4 2 3	Ex 6: (page 75 # 3(b) $-\frac{2}{3}x + \frac{1}{4} = \frac{3}{4}x + \frac{1}{2}$ Put all fractions over a common denominator; now remove the denominator

Practice: Day 1: Page 75 # 1—6 (aceg in each)



Day 2: P.76 # (8-20 even); 25, 26

#17) Denise, Evelyn and Fran work at a convenience store. They earn an hourly rate of \$8. In one week, Denise worked 4 hours more than Evelyn whereas Fran worked 9 hours less than Denise. Together, they earned a total salary of \$856. What was Fran's salary that week?

Evelyn's hours:

Denise's hours:

Fran's hours:

More examples from page 76

#7) Nancy is 2 years older than her brother Eric.In 5 years, the sum of their ages will be equal to 40 years. What is the present age of each?

	Eric	Nancy
Now		
In 5 years		