

: Pg 160-161 : 19-35(10); 40

19	19
21	14
23	3
25	21
27	1
29	4

31	1
33	2
35	1

$$40 \quad 20 + 3n = 5n$$

$$n = 10$$

Be a member if more than 10 times

## Review

$$\textcircled{35} \quad \frac{3}{4}(24 - 20t) + 9t = 2(5t + 1)$$

$$\frac{3}{4}(24) - \frac{3}{4}(20t) + 9t = 2(5t) + 2(1)$$

$$18 - 15t + 9t = 10t + 2$$

$$18 - 6t = 10t + 2$$

$$+6t \quad +6t$$

---

$$18 = 16t + 2$$

$$-2 \quad -2$$

---

$$16 = 16t$$

$$16 \quad 16$$

$$\underline{\underline{1 = t}}$$

### 3.6. Solving Decimal Equations

Oct. 16, 2006

$$\begin{array}{r} -38x - 39 = 118 \\ \quad \quad +39 \quad +39 \\ \hline -38x = 157 \\ \quad \quad \underline{-38} \quad \underline{-38} \end{array}$$

exact

Ans. ←

$$\underline{\underline{x = \frac{-157}{38}}}$$

Approx.

Ans. ←

$$\underline{\underline{x \approx -4.13}}$$

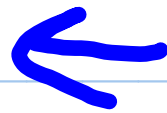
-157/38  
-4.13157894  
↑  
1 < 5  
So...

You Must Have & Label Both!

$$\text{ex 2)} \quad 24x + 43 = 66$$
$$\underline{\quad -43 \quad -43}$$

$$\underline{24x} = \underline{23}$$
$$\underline{24} \quad \underline{24}$$

Exact  
Ans.



$$\underline{\underline{x = \frac{23}{24}}}$$

Approx  
Ans.



$$\underline{\underline{x \approx .96}}$$

23/24

.9583333



8 > 5

so...

$$\text{ex 3)} \quad 3.5x - 37.9 = .2x$$

$$\underline{- .2x} \qquad \underline{- .2x}$$

$$3.3x - 37.9 = 0$$

$$\underline{+ 37.9} \qquad \underline{+ 37.9}$$

$$\underline{3.3x = 37.9}$$
$$\underline{\quad 3.3} \qquad \underline{\quad 3.3}$$

37.9/3.3  
11.48484848  
↑

4 < 5  
So ...

Approx  
Ans ← x ≈ 11.48

3 people want to share  
a pizza that cost  
\$12.98. How much does  
each pay?

$$\frac{3x}{3} = \frac{12.98}{3}$$

$$\underline{\underline{x \approx 4.33}}$$

O.T.L.

① Pg 166: 7-14(a)

21-29(o) : exact Ans.  
+ Approx Ans.

31-35(o); 34

Approx Ans only

$$19 \quad 3(x+6) = 5(x-4)$$



# October 2006

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	Alg I Notebooks Due. 23	24	Z-grads Full Credit 25	26	Last Day 27	28
29	30	31				

- Notes are Date  $\Rightarrow$  O.T.L.

- Z-grades

- Must have signed contract.

- Order Notebooks

- N.B. form

- Hall Passes

- Signed letter

- Contract

- Notes