

: 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

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

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

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

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

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

$$18 = 16t + 2$$

$$- 2 \quad - 2$$

$$\frac{16}{16} = \frac{16t}{16}$$

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

3.6. Solving Decimal Equations

Oct. 16, 2006

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

Exact

Ans. $\leftarrow x = -\frac{157}{38}$

Approx.

Ans. $\leftarrow x \approx -4.13$

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-157/38  
-4.131578
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1 < 5
So...

You Must Have & Label Both!

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

$$\quad \quad \quad -43 \quad -43$$

$$\quad \quad \quad 24x = 23$$

$$\quad \quad \quad \underline{24} \quad \underline{24}$$

Exact
Ans.

← $x = \frac{23}{24}$

Approx
Ans.

← $x \approx .96$

23/24
.958333

↑

8 > 5
so .5 → 6

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

$$\begin{array}{r} - .2x \\ \hline \end{array}$$

$$3.3x - 37.9 = 0$$

$$\begin{array}{r} + 37.9 \\ \hline \end{array}$$

$$\begin{array}{r} 3.3x = 37.9 \\ \hline 3.3 \quad 3.3 \end{array}$$

Approx

Ans

$$\underline{\underline{x \approx 11.48}}$$

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

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

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