

Pg. 79 written: 1, 5, 9, 11-27 odd

$$1) x + 5 = 15$$

$$5) 2x - 6 = 14$$

$$9) x - 7 = 23$$

$$11) n - 4 = 70$$

$$13) f_n = 88$$

$$15) n + 15 = 36 \quad 25)$$

$$17) \frac{n}{6} = 18$$

$$19) 2n - 10 = 26$$

$$21) n + 26 = 3n$$

$$23) 2w + 4w = 60$$

$$25) 16(4-2) = 270$$

$$27) 23 + 0.14x = 55$$

3.3 Solving

Dec. 14, 2006

Equations w/ Addition & Subtraction

~~ex 1~~ $x + 4 = 10$

$$\begin{array}{r} -4 \quad -4 \\ \hline \end{array}$$

$$\underline{\underline{x = 6}}$$

Check:

$$\underline{(6) + 4} \stackrel{?}{=} 10$$

$$10 = 10 \checkmark$$

*to solve: our goal is to get the variable by itself

Rotten Kid Th^m:

what ever you do to one side ...

You Must Do to the other

ex2 | $y - 4 = 1$

$$\begin{array}{r} y - 4 = 1 \\ +4 \quad +4 \\ \hline y = 5 \end{array}$$

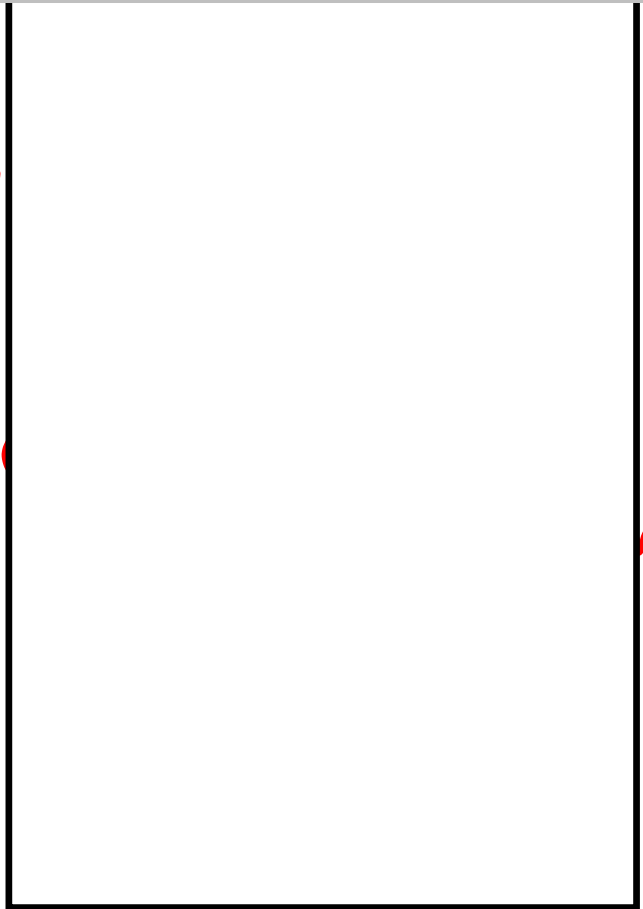
3.4 Solving Equations w/ Multiplication and Division

Ex 1) $\frac{4x}{4} = \frac{36}{4}$

$$\underline{\underline{x = 9}}$$

$$\cancel{7} \cdot \frac{Y}{\cancel{7}} = 3 \cdot \cancel{7}$$

$$\underline{\underline{Y = 21}}$$



Pass to
The center

ex3) $3 \cdot \frac{2x}{3} = 32 \cdot 3$

$$\frac{2x}{2} = \frac{96}{2}$$

$$\underline{\underline{x = 48}}$$

$\frac{2}{3}x = 32$ \times multiply by $\frac{3}{2}$
the opp. is
to divide by $\frac{2}{3}$
 $\div \frac{2}{3} \Rightarrow \underline{\underline{\cdot \frac{3}{2}}}$

$$\underline{\underline{x = 48}}$$

ex 41

$$-7x = 22$$

$$x = -\frac{22}{7}$$

O.T.L.

① pg 82: written

1-45 (every other
odd)

1, 5, 9, 13, 17, 21, ...

② pg 86 Written:

2nd Col.

2, 6, 10, 14, 18, 22,

3rd Col

27, 31, 35, 39

③ Challenge: 1 + 2

④ Notebooks Due Monday

