Pass your work from Wed. And Thurs. to the person behind you.

August 30(Get a calculator from the front table.)

~~Solve.~~

1) $\frac{3}{4}n + 16 = 2 - \frac{1}{8}n$

2) $-3(2n-5) = \frac{1}{2}(-12n+30)$

3) $2.1x + 45.2 = -7.3 - 8.4x$

Pass the homework from Wed. & Thurs. to the person in front of you.

Section 2-7, page 119

You can find the percent of change.(increase or decrease)

Percent of change= $\frac{\text{amount of change}}{\text{original amount}}$

P

page ~~118~~ 119
#1A

original: 66

New: 30

$$\begin{array}{r} 66 \\ -30 \\ \hline \end{array}$$

$$\frac{P}{100} = \frac{36}{66}$$

$66p = 3600$

$P = 55\%$

nearest whole %

Page 121
7.

100% + 6.75%
106.75%

Video game: $35.99
Sales tax: 6.75% = .0675

1) 35.99 x .0675 = 2.429325

2) 35.99 + 2.429325
≈ $38.42

Short cut — 106.75% = 1.0675

$35.99 x 1.0675
≈ $38.42

11.

DVD: $22.95

pay 75%

discount: 25%

22.95 x .75

$17.21

Page 122
37.

Printer: $60
discount 25%
tax 6.75%

100 + 6.75
106.75%

① Sale price
60 x .75
$45

② 45 x 1.0675
= $48.04

Assignment
Pages 121-122(~~2-40E~~)

14-40E

P. 114-115

38) $\frac{9b-3}{9} = \frac{5b+5}{3}$

$3(9b-3) = 9(5b+5)$

$27b-9 = 45b+45$

40

$\frac{3}{8}$ are athletes

$\frac{5}{8}$ are not $\frac{5}{8} = \frac{x}{1280}$

16) $\frac{t}{2} = \frac{6}{12}$

$12t = 12$

$t = 1$

42)

5.55 - 0

6 gallons

18) $\frac{2}{8} = \frac{n+4}{n-4}$

$2(n-4) = 8(n+4)$

$2n - 8 = 8n + 32$

17) $\frac{p+10}{p-7} = \frac{8}{6}$

$9(p+10) = 8(p-7$

$9p + 90 = 8p - 56$

$-8p \qquad -8p$

$p + 90 = -56$

$-90 \qquad -90$

$p = -146$