

PA #1 — due tomorrow

PA #2 — due Friday

PA #3 — due week

later today

textbook problems from 2A & 2B

NEXT WEEK — quiz/test
(toward end)

minimum:

factorial

summation notation

exponents

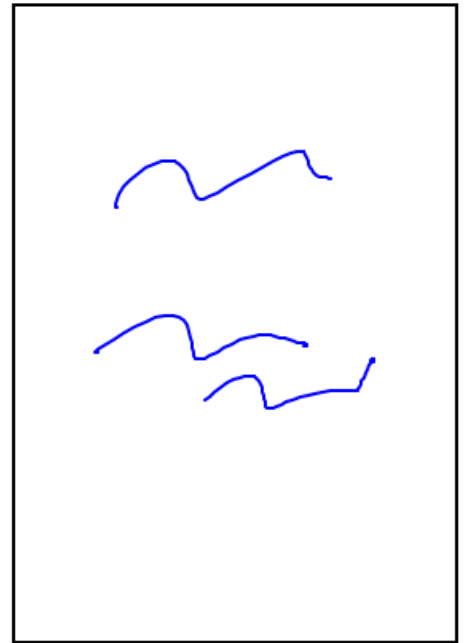
2A, 2B plus

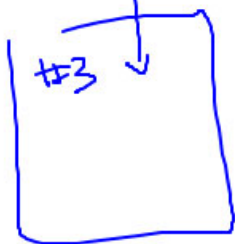
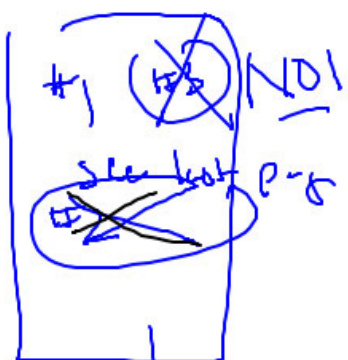
MUST SUBMIT
WORK

WITH READ

RECEIPT

First Last
Name
Class Name
Problem Assignment #



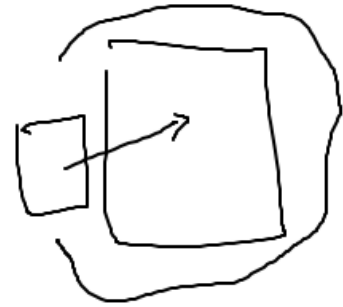
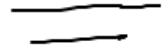
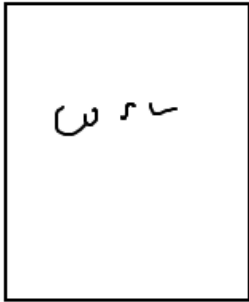
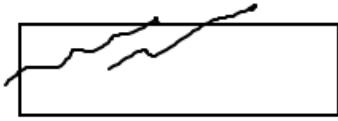


#1 ✓
#2 ✓
#3
||
||
||
||

See last page

#4
#5

#3 continued
||
||
||



(3) end counting

$$= 2x + 2x + 2x = 6x$$

$2x = 2x + 2x + 2x$

$h=1 \rightarrow h=2(+1) \rightarrow h=3$

$+ 2x + \cancel{2x} + 2x$

start counting

Index of Summative

* counter — how many terms are in sum

$$\sum_{b=2}^4 (\Sigma) = \left(\Sigma \right)_{b=2} + \left(\Sigma \right)_{b=3} + \left(\Sigma \right)_{b=4}$$

$$2h^2 = 2\overset{1}{h}^2 + 2\overset{2}{h}^2 + 2\overset{3}{h}^2 \quad \Rightarrow \quad \text{NOT } \frac{28}{2}$$

$h=1$ $h=2$ $h=3$ ✓

double row
 * counter
 * used to evaluate each term

$$\begin{aligned}
 &= 2(1)^2 + 2(2)^2 + 2(3)^2 \\
 &= 2(1) + 2(4) + 2(9) \\
 &= 2 + 8 + 18 = 28
 \end{aligned}$$

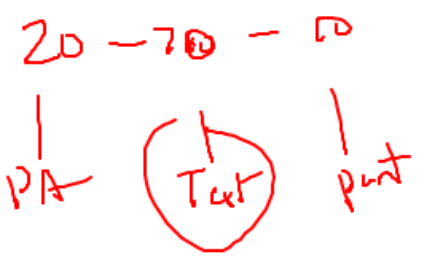
$$\sum_{x=0}^4 \left\{ \frac{(b-x)!^2}{(m-x)! \cdot b} \right\} =$$

$$\left\{ \right\}_{x=0} + \left\{ \right\}_{x=1} +$$

$$\left\{ \right\}_{x=2} + \left\{ \right\}_{x=3} +$$

$$\left\{ \right\}_{x=4}$$

9 wks "midterm"
x 2.5



quiz
y
1/2 wks

x ~~Test~~ x x x x

midterm

email → hours for this class block

School
email
address

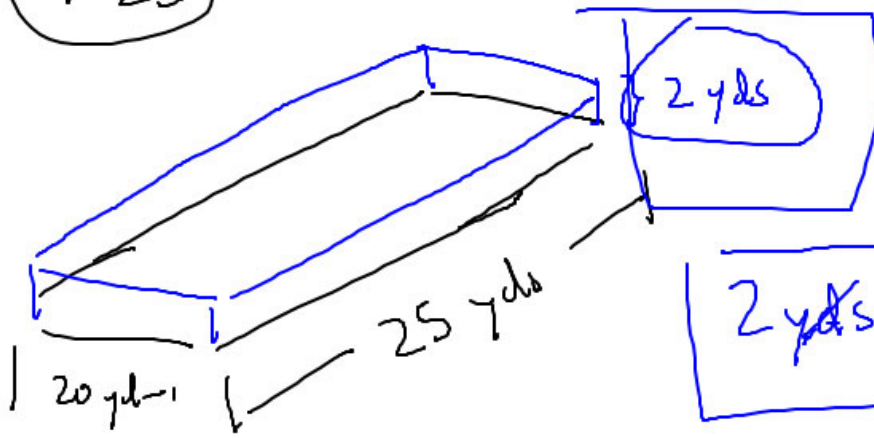
off:

10 - 11:30 am

 ✓

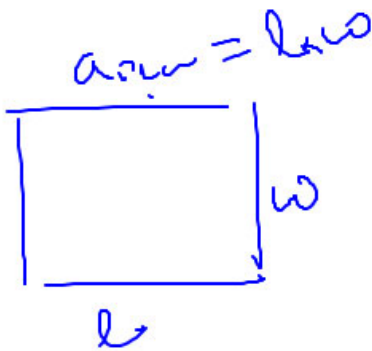
Problema (#25)

(b)

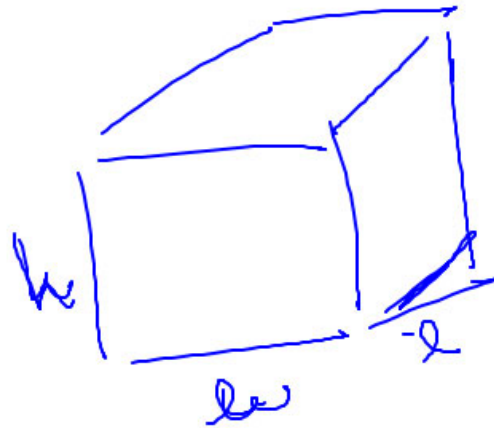


$$2 \text{ yds} \cdot \frac{3 \text{ ft}}{1 \text{ yd}} = 6 \text{ ft}$$

Surface area:



l.w.h



Ps 36

27

Cost of car trip

$$\frac{\frac{\$}{\text{gallon}}}{\frac{\text{miles}}{\text{gallon}}} \times \text{miles} = \frac{\$}{\cancel{\text{gallon}}} \times \frac{\cancel{\text{gallon}}}{\text{miles}} \times \text{miles} = \$$$

41-44

$$\frac{\cancel{\$}}{\text{lb}} \text{ lb} = \cancel{\$}$$

$$\frac{\text{mile}}{\cancel{\text{hr}}} \times \cancel{\text{hr}} = \text{mile}$$

buy one
get one
for



$$\frac{50 \text{ lb}}{11 \text{ \$}}$$

lb / \$

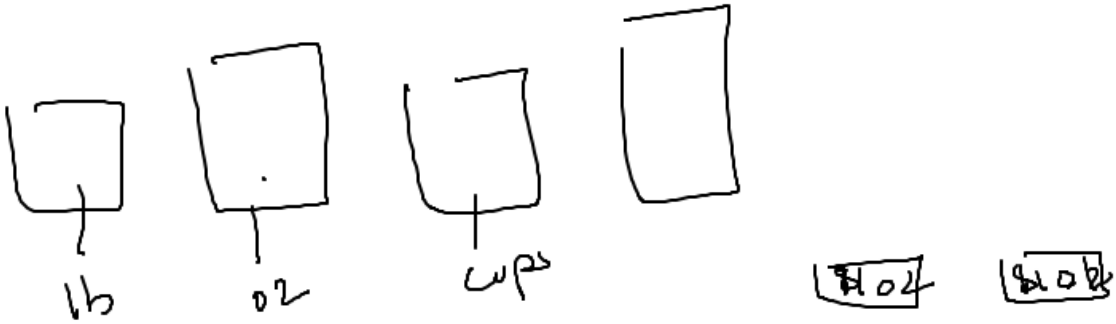
price per pound

$$\frac{11 \text{ \$}}{50 \text{ lb}}$$

price per pound

$$.22 \text{ \$ / lb}$$

$$1 \text{ lb for } 39¢ \Rightarrow .39 \text{ \$ / lb}$$



#44

$$\frac{1500 \text{ [cut]}}{140 \left[\frac{\text{cut}}{\text{can}} \right]}$$

$$1500 \text{ (~~cut~~)} \times \frac{1}{140} \left[\frac{\text{can}}{\text{cut}} \right] = \underline{10.714 \text{ [can]}}$$

$$\overset{180 \text{ min}}{\cancel{3} \text{ hr}} 10 \text{ min} \rightarrow \text{sec}$$

$$3 \text{ hr} \frac{60 \text{ min}}{\text{hr}} = 180 \text{ min}$$

$$180 \text{ min} + 10 \text{ min} = 190 \text{ min}$$

$$190 \text{ min} \frac{60 \text{ sec}}{\text{min}} = \underline{\underline{11400 \text{ (sec)}}}$$