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HW p 539-540

p 545 (Problem Solving Sets)

Case #3

Science Quiz

Ivan scored 18

6 problems 2pts each
2 problems 4pts each
8 problems = 20 pts

$$\frac{18}{20} = \frac{9}{10} = 90\%$$

got 5 2pts
2 4pts

not guess/check

Guess/check 18 pts

5/6 2pt = 10
1 4pt = 4
4pt 4
18

Case #4

4 numbers (1-9) sum (+) = 18
only use once

Some plans

- not use 9 (too high)
- use 8 = its even

9 + 6 + 2 + 1 = 18

10 + 8 so...
7 + 3 + 6 + 2 = 18

systematic approach

8
5
2
3

Brianna

9
1
5
3

Don

"9 + 9" * use 9
* use 3 = 9 + 1 + 6 + 2

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HW p 539-540

p 545 (Problem Solving Sets)

Case #3

Science Quiz

Ivan scored 18

$\left. \begin{array}{l} 6 \text{ problems } 2 \text{ pts each} \\ 2 \text{ problems } 4 \text{ pts each} \end{array} \right\} 8 \text{ problems} = 20 \text{ pts}$

(got) 5 2pts
 2 1pts

$\frac{18}{20} = \frac{9}{10} = 90\%$
 not guess/check

Guess/check 18 pts

$\begin{array}{l} 5 \times 2 \text{ pt} = 10 \\ 1 \times 4 \text{ pt} = 4 \\ \hline 4 \text{ pt } 4 \end{array} \right\} 18$

Case #4

4 numbers (1-9) sum (+) = 18
only use once

Some plans

- not use 9 (too high)
- use 8 = it's even

9 + 6 + 2 + 1 cases

10 + 8 so...
 $7 + 3 + 6 + 2 = 18$

systematic approach

$\left. \begin{array}{c} 8 \\ 5 \\ 2 \\ 3 \end{array} \right\}$

Brianna

$\left. \begin{array}{c} 9 \\ 1 \\ 5 \\ 3 \end{array} \right\}$

Don

"9 + 9" * Use 9
 * Use 3 = 9 + 1 + 6 + 2

p545 HW #3, #4
pick either #5 or #6

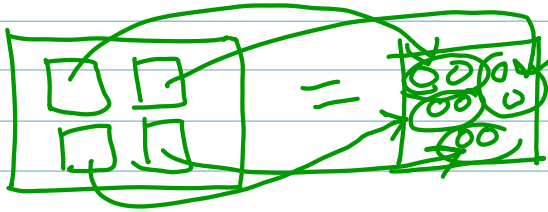
Inquiry Lab

p.549

#3
$$\frac{4n}{4} = \frac{8}{4}$$

$$n = 2$$

Check $4(2) = 8$
 $8 = 8 \checkmark$



* coefficient means mult.
* solve by what?
isolate variable
* keep the balance

HW

#5 + #6

pick either
#7 or #8

p550 #9-14