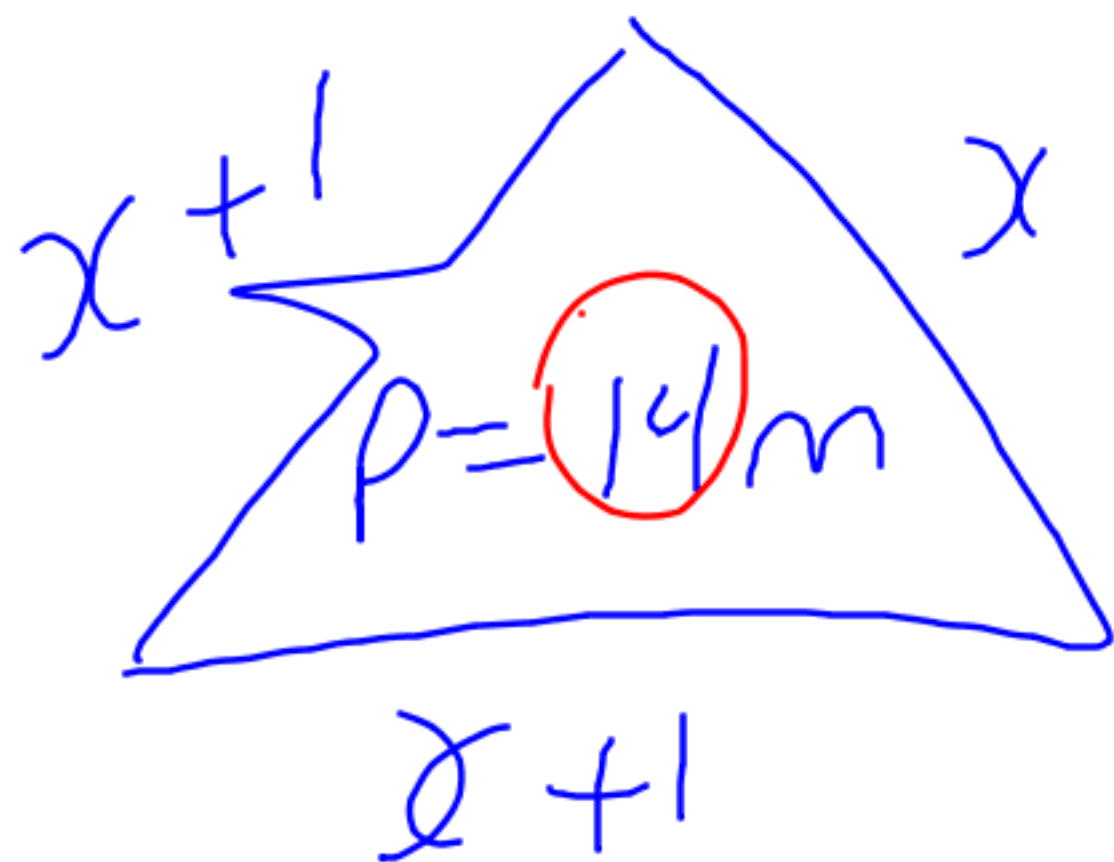


Dec. 6



$$x + x + 1 + x + 1 = 14$$

$$3x + 2 = 14$$

$$3x = 12$$

$$x = 4$$

The sides are

4m, 5m

and 5m.

Find: dimensions

Let x = first side

then let $x + 1$ = 2nd side

and let ~~$x + 1$~~ = ~~3rd side~~

P. 367

Dec. 6

Given: Women's hockey team scored
35 more goals than scored against them
Total goals is 41.

Find: goals scored & goals scored against

Let x = the goals scored against
the goals scored

then let $x + 35$ = the goals scored

$$x + x + 35 = 41$$
$$2x + 35 = 41$$
$$2x = 6$$
$$x = 3$$

$\therefore$ they scored
38 goals
35 goals
against
09

28. Given: Aretha has $\$0.85$ in nickels + dimes. She has 2 more nickels than dimes

Find: how many of each coin does she have?

Let x = the number of dimes
then let $x + 2$ = # of nickels

$$0.10x + 0.05(x + 2) = 0.85$$

$$0.10x + 0.05x + 0.10 = 0.85$$

$$0.15x + 0.10 = 0.85$$

$$0.15x = 0.75$$

$$x = 5$$

Value

$$0.10x$$

$$0.05(x + 2)$$

$\therefore$ she has 5 dimes and 7 nickels

3) Given the sum of 2 numbers is 39. twice the first number plus 3 times the second is 101.

Find: the numbers

Let x = the first number

then let $39 - x$ = the 2nd number

$$2x + 3(39 - x) = 101$$

$$2x + 117 - 3x = 101$$

$$-x + 117 = 101$$

$$-x = -16$$

$$x = 16$$

$\therefore$ the first number is 16 and the 2nd number is 23

Homework

p. 367

24, 25, 26,

27, 30, 32

finish words to math

hand-out