New Seating Chart

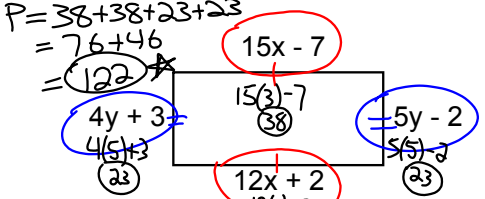
New Seating Chart

Do Now: Find the perimeter of the rectangle.

$P = 38+38+23+23$

$= 76+46$

$= 122$



$15x - 7 = 12x + 2$

$-12x \quad -12x$

$3x - 7 = 2$

$+7 \quad +7$

$\frac{3x}{3} = \frac{9}{3}$

$x = 3$

$4y + 3 = 5y - 2$

$+2 \quad +2$

$4y + 5 = 5y$

$-4y \quad -4y$

$5 = y$

29

$7t - 3(1t) = -19$ (−3(1) −3(t))

$7t - 3t = -19$

$4t = -19$

$+3 \quad +3$

$\frac{4t}{4} = \frac{-16}{4}$

$t = -4$

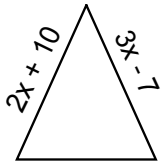
6.2 Solving Equations with Variables on Both Sides

7.NS
7.EE

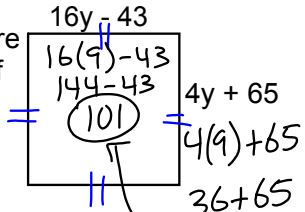
- SWBAT solve equations that have variables on both sides.
- SWBAT represent and analyze situations using algebraic symbols.

Calculators: Yes

Each side of the triangle has the same length, find the perimeter.



Two sides of a square are shown, find the length of one of the sides.



$16(9)-43$
$144-43$
101

$4(9)+65$
$36+65$
101

$16y-43=4y+65$
$-4y \quad -4y$
$12y-43=65$
$+43 \quad +43$
$\frac{12y}{12}=\frac{108}{12}$
$y=9$

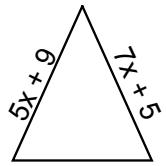
"Don't blame the sea if you cannot catch a fish."

Working individually or with a partner, complete the workbook.

Workbook pg. 79 #1-27 odds

Extra-Credit: #10

Exit Pass: Each side of the triangle has the same length, find the perimeter.



Reflection of Today's Lesson

6.2 Solving Equations with Variables on Both Sides

7.NS
7.EE

- SWBAT solve equations that have variables on both sides.
- SWBAT represent and analyze situations using algebraic symbols.

Calculators: Yes

Homework

Finish the workbook assignment