2/10/2016

Note Title

5x+4 11.1:15 8

84<A<124 84<(8(5x+4))<124 84< (40x+32) <124

52 < 40x < 92 40 40 40

 $\frac{13}{10}$ < \times < $\frac{23}{10}$

11,2

3×

base: alt A = 48

3:2

3x(3x) = 48

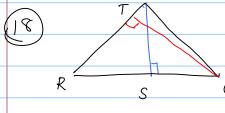
 $3x^2 = 48$ X2=16

x = 4 (why not -4?

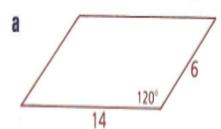
Then 3x=12 22x=8

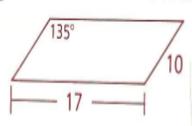
can't have - Ingth)

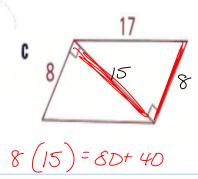
QT=12 } QT LPR: A = = = 12.15=90

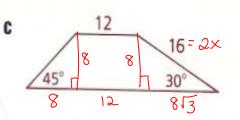




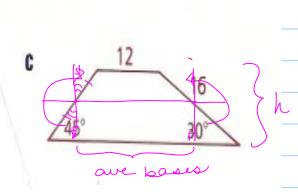








$$A_{\text{TRAP}} = \left(\frac{b_1 + b_2}{2}\right) h = \left(\frac{12 + 20 + 8\sqrt{3}}{2}\right) 8$$



$$= \left(\begin{array}{c} 32 + 8\sqrt{3} \\ 2 \end{array}\right) 8$$

$$\left(\frac{2(16+4\sqrt{3})}{2}\right)$$

Name:

Ms. Kresovic

Acc Geo - 2

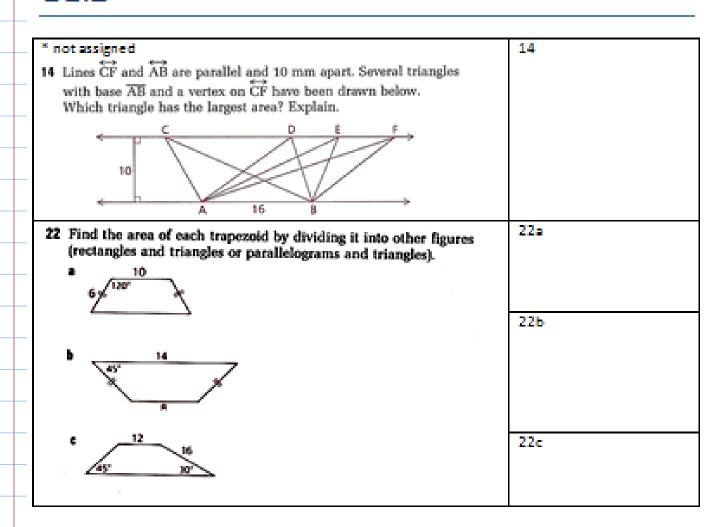
11.1-2 Homework Check/Pop Quiz

You may use your homework, but not your book. Each problem is worth 3 points; 12 pts total. Record your answer in the rightmost column.

11.1

_	9 A cross section of a steel I-beam is shown. Assume right angles and symme- try from appearances. Find the area of the cross section.	20cm -4cm	9
_			
	*not assigned:		17
	_	r e	
-	17 A flag has dimensions 65 by 39. Each short stripe has a length of 39. What fractional part of the flag is red?		
_			

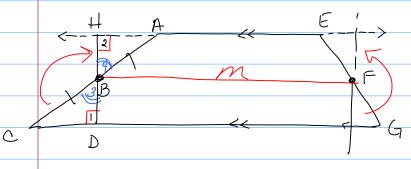
11.2



11.3: Area of Trapezoid

11.4: Area of Kites and Related Figures

11.3: 7-14, 16, 17 & 11.4: 4-8, 10



G: B&Faie mopts

P: ABDY = ABHA

1. B&Fare mopts

2. LI rt L

J. _ →M_

1. Givea

3. La Nt L

3. If line I to I of 2 [levies then I to other.

4. 41 = 12

S. Vert Zs == Zs

5, <u>13</u> = <u>14</u> 6, AB = BC

6. AB = BC 6. mdpt ⇒ = segs) 7. △BDC = △B+A F. AAS (456)

a similar argument can be made for the other side of the tras " Atron= Mh

ATRAP =
$$\begin{pmatrix} b_1 + b_2 \\ 2 \end{pmatrix} h$$

Kites

Auag

Auag

Automatical

Variation

Va