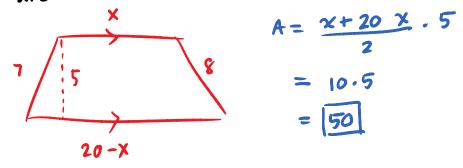
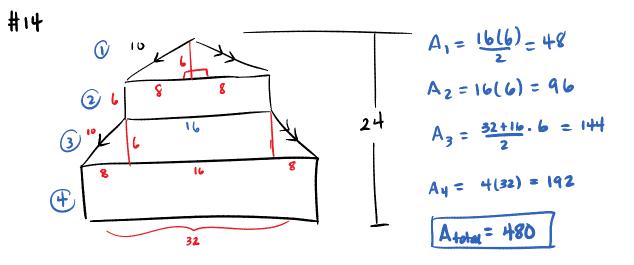
Sec 11.3 pgs. 526 - 527 #12 - 16, 17b Sec 11.4 pgs. 529 - 530 #2, 4 - 10

11.3

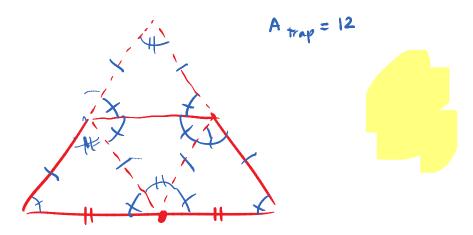
#12 Jhe perimeter of a trapezoid is 35. The non-parallel sides are 1 and 8. Find the trapezoids area if its height is 5.



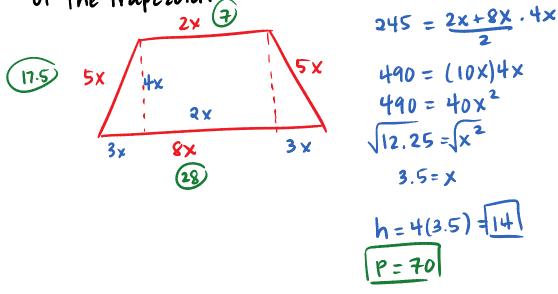
#13 The consecutive sides of an isoscoles trapezoid are in the ratio of 2:5:10:5, and the trapezoids perimeter is 44. Find the area of the trapezoid.

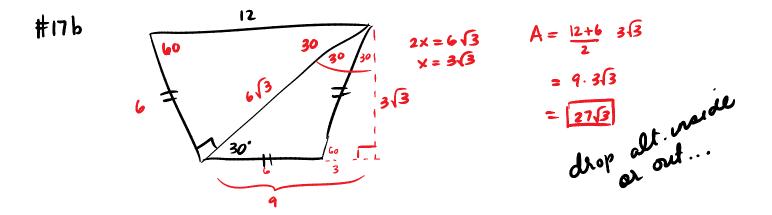


#15 When an isosceles triangle is folded so that its vertex is on the midpt of the base, a trapezoid with orea 12 n² is formed. Find the area of the original triangle

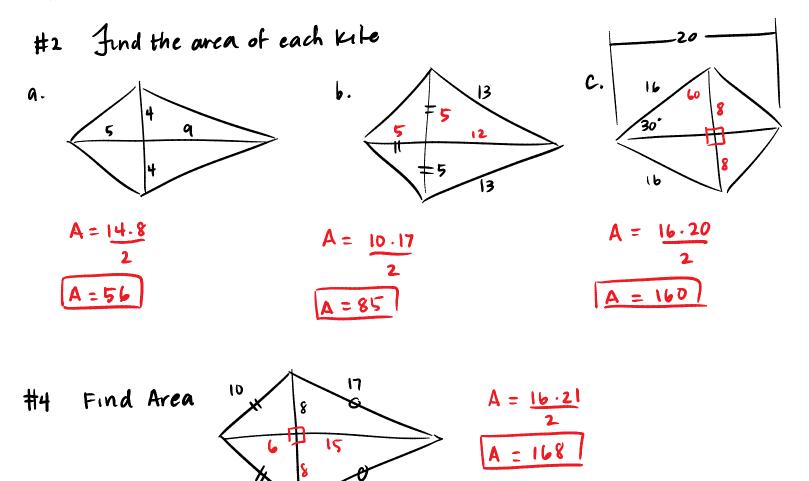


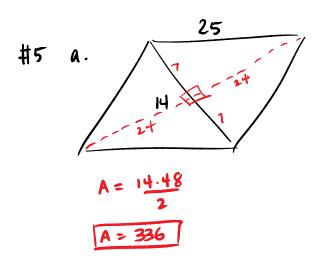
#16 The sides of a trapezoid are in a ratio of 2:5:8:5. The trapezoids area is 245. Find the height and perimeter of the trapezoid.



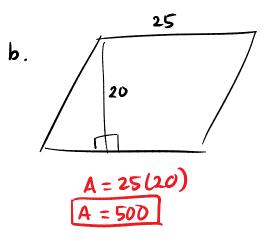


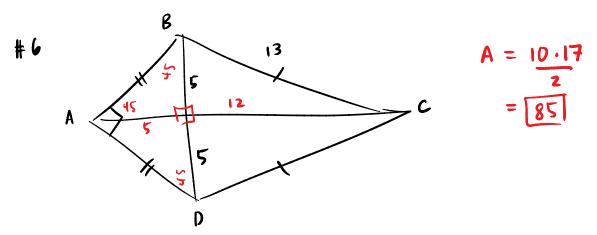
11.4

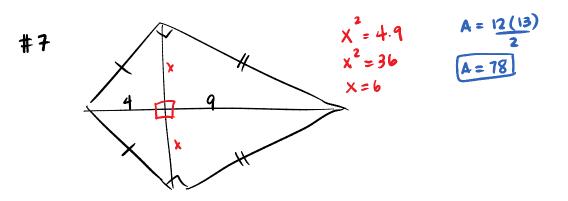




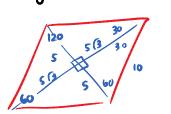
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#8 Find the area of a rhombus w/a perimeter of 40 and one angle of 60.



$$A = \frac{10(10(3))}{2} = 50(3)$$

#9 Find the area of region I, region \overline{I} , region \overline{I}

- a. $A_{1} = \frac{4.4}{2} = 8$
- b. $A I = \frac{8.7}{2} = 28$
- $A_{III} = \frac{12.3}{2} = 18$
- d. Arect = 84 A sobb = 84 - 8 - 28 - 18 = 30

