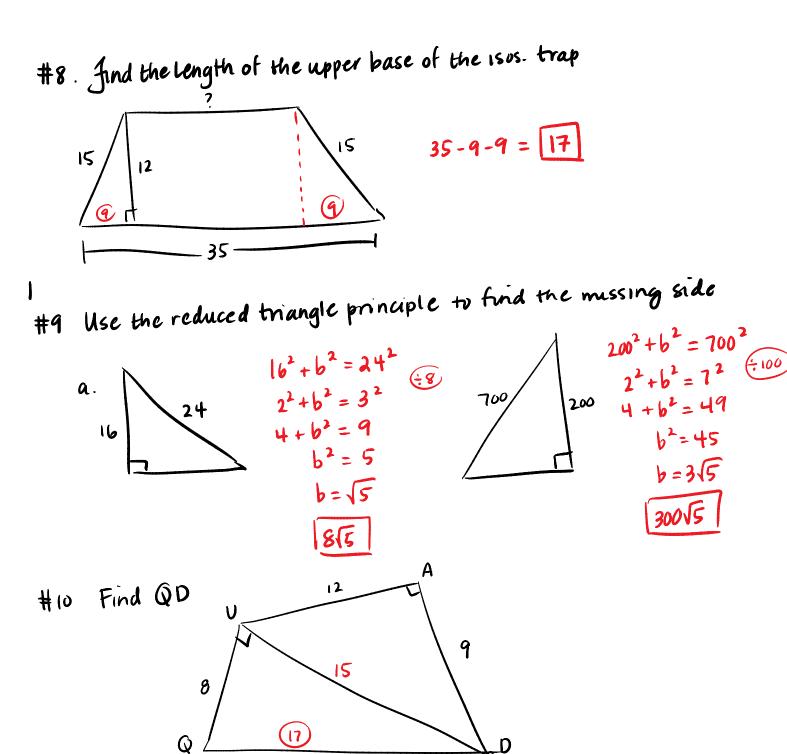
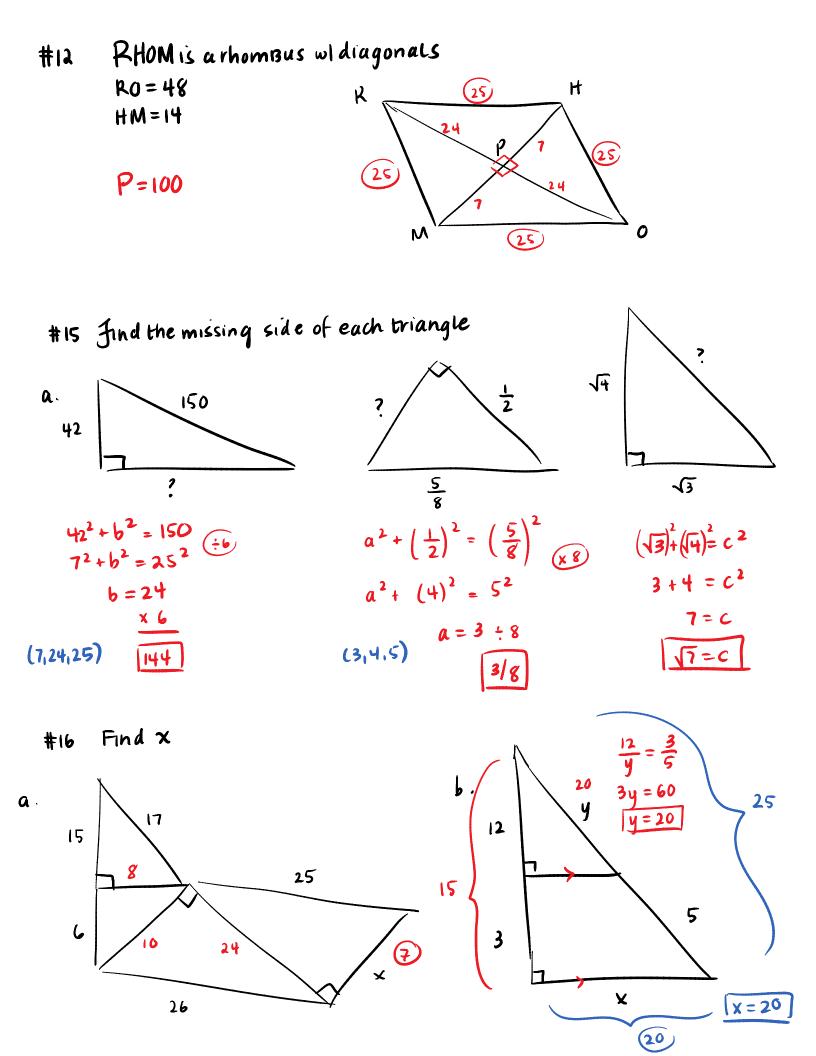
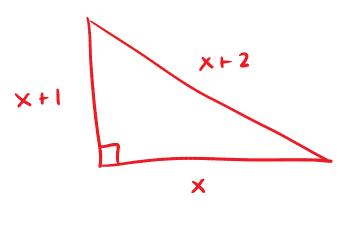
Sec 9.6 pgs. 401 - 404 #5, 8 - 10, 12, 15, 16, 22

# 5	a. 12	e. 34	i. 12+7
	b. 217	f. 557	
	C. 10	g 12/7	
	d5	h. 45	





#20 Show that the only right Δ in which the lengths of the Gides are consecutive integers is the (3, 4, 5) triangle.



$$x^{2} + (x+1)^{2} = (x+2)^{2}$$

$$x^{2} + x^{2} + 2x + 1 = x^{2} + 4x + 4$$

$$2x^{2} + 2x + 1 = x^{2} + 4x + 4$$

$$x^{2} - 2x - 3 = 0$$

$$(x-3)(x+1) = 0$$

$$x = 3, -1$$

$$3, 4, 5$$

