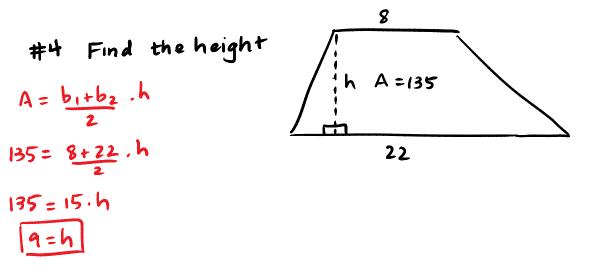
Sec 11.3 pgs. 525 - 526 #4, 5, 7, 8, 10



#5 The height of a trapezoid is 10 and the trapezoids area is 130. If one base is 15, find the other base

$$A = \frac{b_{1}+b_{2}}{2} \cdot h$$

$$130 = \frac{b_{1}+15}{2} \cdot 10$$

$$260 = (b_{1}+15) \cdot 10$$

$$26 = b_{1}+15$$

$$\boxed{11 = b_{1}}$$

