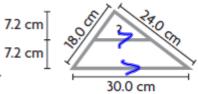
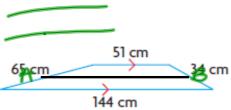
p. 414 #4

- 4. Remi is building a triangular wooden
- A shelving unit. The base measures 30 cm and the slant sides measure 18 cm and 24 cm. He wants a horizontal shelf halfway between the base and the top. What length of wood should he cut for the shelf?



p. 414 #5

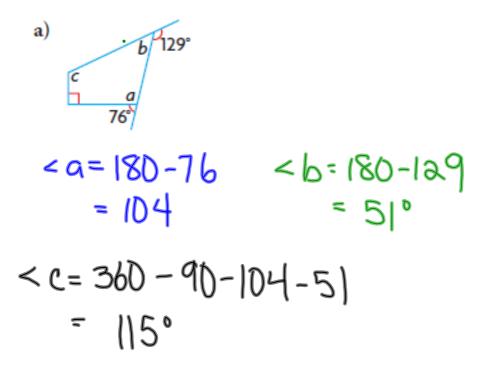
A trapezoid has parallel sides of length 51 cm and 144 cm. Its other sides measure 34 cm and 65 cm.



- a) Determine the length of the bimedian joining the two non-parallel sides.
- **b**) The distance between the parallel sides is 8 cm. How far is the bimedian from each?

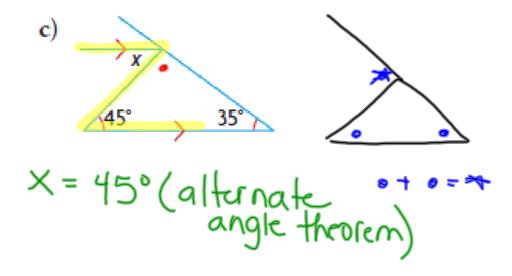
a)
$$AB = 51 + 144$$
 b) 4cm
= 195
= 97.5

p. 394 #3

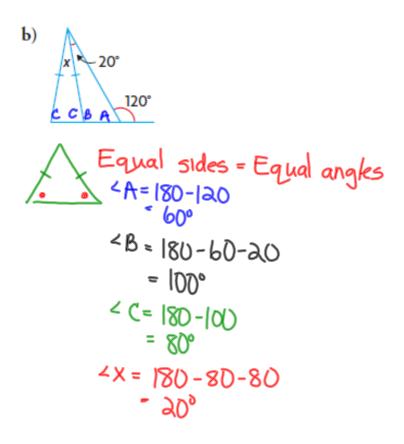


p. 394 #3

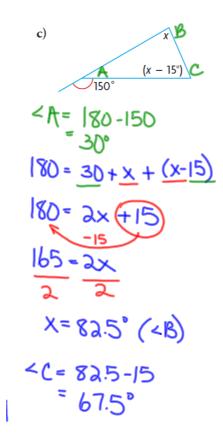
p. 395 #7



p. 395 #7



p. 395 #8



p. 395 #8

b)
$$F_{85}^{\circ}$$
 F_{85}°
 F_{85}°