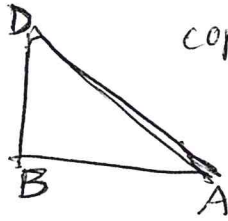
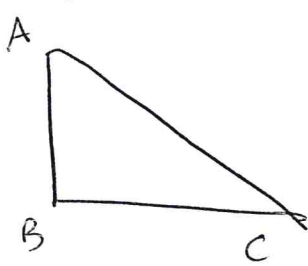


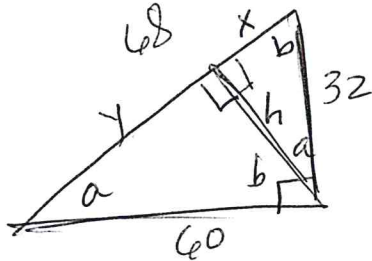
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$$\triangle ABC \sim \triangle DBA$$



copy correct info from original sketch

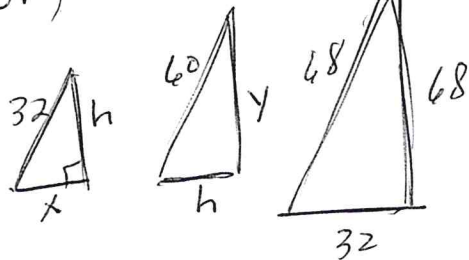
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In big Δ , call the acute angle measure a & b .
 In the small Δ , you have $90, b$, so the 3rd angle is a —

so AA, the Δ 's are similar.

Now, "dismantle" the sketch



Write proportions & solve.

~~x = 27.1~~
 $x = 15.1 \text{ cm}$ $y = 52.9 \text{ cm}$ $h = 28.2 \text{ cm}$

#16 - DO NOT WRITE A RULE,
 JUST SCALE FACTOR.