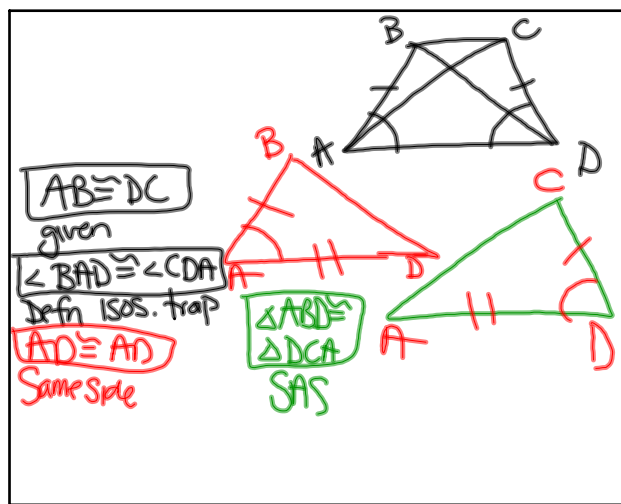
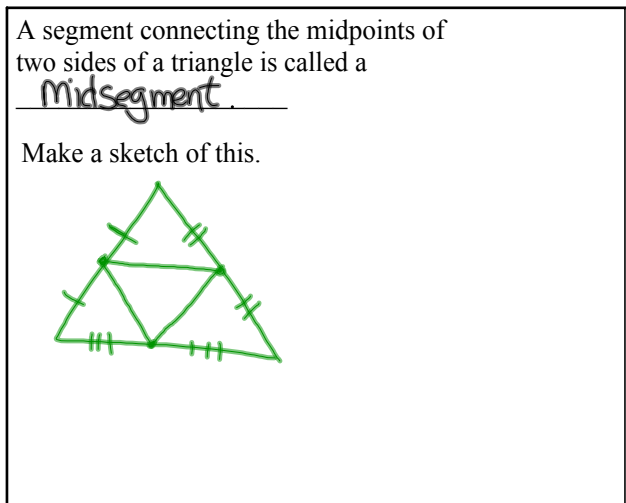


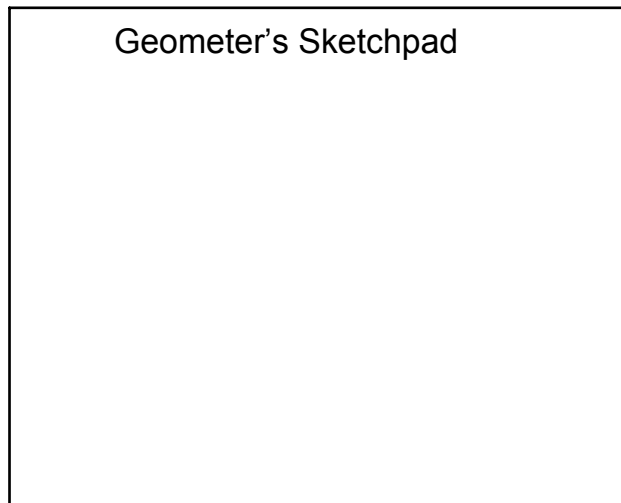
Dec 2-7:02 AM



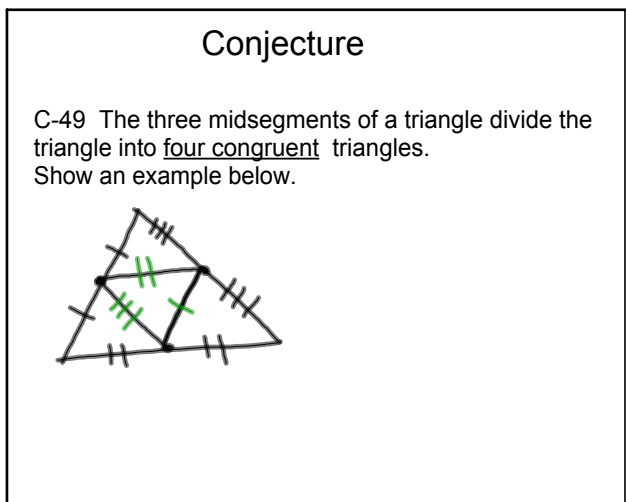
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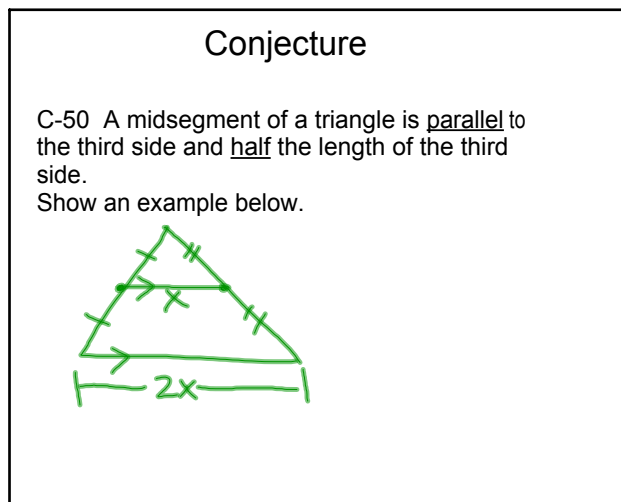
Dec 9-10:38 AM



Dec 2-7:03 AM



Dec 2-7:03 AM



Dec 2-7:03 AM

A segment connecting the midpoints of the two nonparallel sides of a trapezoid is called a Midsegment.

Make a sketch of this.

Dec 9-10:40 AM

Conjecture

C-51 The midsegment of a trapezoid is parallel to the bases and is equal in length to the average of the two base lengths.

Show an example below.

Dec 2-7:03 AM

Find w, x, y and z

Dec 2-7:03 AM

BD, FD, and FB are all midsegments.

Find a, b, c, x, y and z

Dec 2-7:03 AM

Find the value of x.

Dec 2-7:03 AM

Find the value of x.

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Find the value of x.

$$\frac{x+48}{2} = 34 \cdot 2$$

$$\begin{array}{r} x+48 = 68 \\ -48 \quad -48 \\ \hline x = 20 \end{array}$$

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Find the value of x.

Dec 2-7:05 AM

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