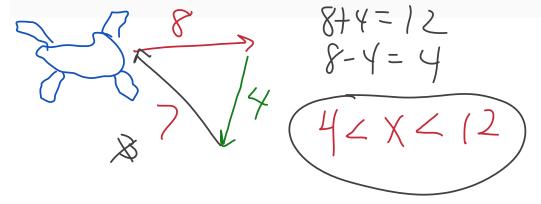
Friday, February 17, 2023 7:18 AM

Example 2: Find Possible Side Lengths

Drones A delivery company uses drones to make speedy deliveries around the city. A drone leaves the home office and flies 8 miles east to its first delivery and then 4 more miles southwest to a second delivery. What is the least possible whole-number distance the drone will fly to return to the home office?



Example 1: Use the Hinge Theorem Continued

Check

Drones Esperanza and Landon each fly a drone from the same place in a park and at the same altitude. Esperanza flies her drone 440 feet east, then turns it 122° south of east and flies 300 more feet. Landon flies his drone 440 feet east, then turns it 140° north of east and flies 300 more feet.

Experage 140>122 Landon

Further &

B) Certain

Example 3: Apply Algebra to Relationships in Triangles

Find the range of possible values for x.

ZJHE > ZGHE

 $G = \frac{3(8) + 45}{68^{\circ}}$

5x+42/-49 3x 7 23 x > 7.6