3.1 Exploring Side-Angle Relationships in Acute

Triangles

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February 15, 2016 8:36 AM Acute Triangle has intenor angles less than 90" * no h angles In an acute triangle, & ABC, $\frac{a}{SINA} = \frac{b}{SINB} = \frac{c}{SINC}$ Ь A Ex #1 A 50,4° 37.3 cm 512cm/ 465° 8330 39 Jen B≁ h 373 A 512 1465 $\sin 83.3^\circ = \frac{h}{37.3}$ S(n 465 = h) $373 \cdot \sin 83.3 = h$ 3704 = h512. sin46.5 = h 37.4 = h E_{X} #2 Solve $\triangle ABC$ Formula b 30 105° SIDA = SIDB = SIDC9 Ь 200

