Geometry

9.7B Law of Cosines

Law of Cosines

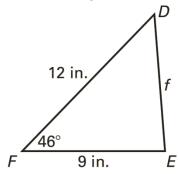
$$a^2 = b^2 + c^2 - 2bc\cos A$$

$$b^2 = a^2 + c^2 - 2ac\cos B$$

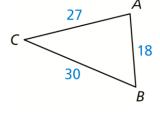
$$c^2 = a^2 + b^2 - 2ab\cos C$$

Use when you know

Solve the triangle.



Solve the triangle.



Assignment: 495 #22, 24, 26, 28, 32, 56, 57, 58, 59, 64 = 10 total