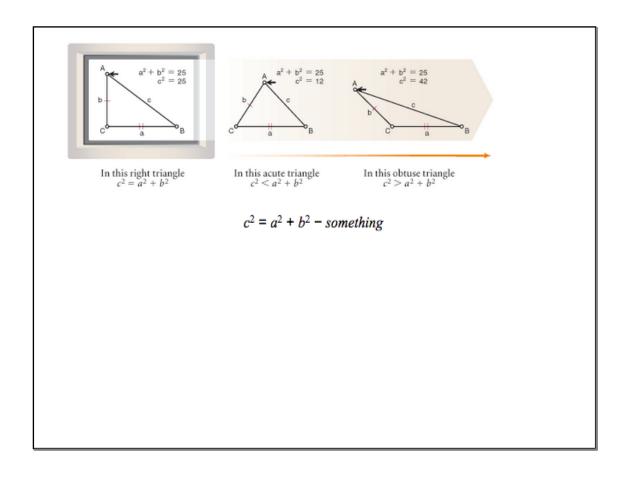
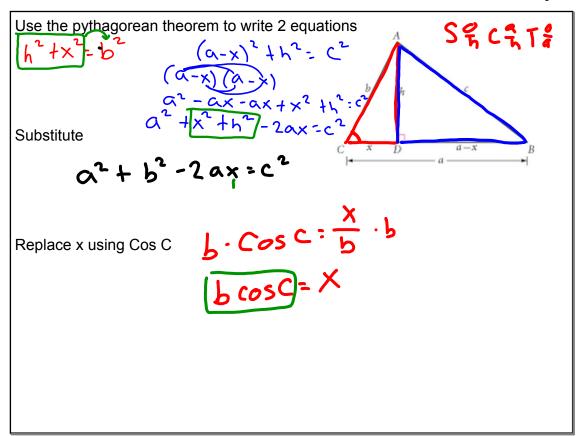
12.4 - Law of Cosines





Law of Cosines: For any triangle with said a, b and c, and with C being the angle opposite of side length C

Use with acute triangles if you are given all three sides or two sides and the angle between them

$$C^{2} = \frac{52^{2} + 45^{2} - 2(52)/45}{2(52)/45}(0.53)$$

