

Table of Contents, Chapter 2



$A \cdot BC = A \cdot BD + A \cdot DE + A \cdot EC$



$AB^2 = AB \cdot AC + AB \cdot BC$



$AB \cdot CB = AC \cdot CB + CB^2$



$AB^2 = AC^2 + CB^2 + 2 \cdot AC \cdot CB$



$AD \cdot DB + CD^2 = CB^2$



$AD \cdot DB + CB^2 = CD^2$



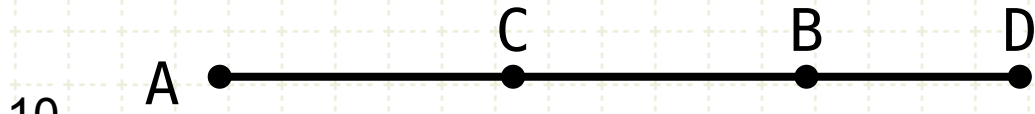
$AB^2 + BC^2 = AC^2 + 2 \cdot AB \cdot BC$



$4 \cdot AB \cdot BC + AC^2 = (AB + BC)^2$



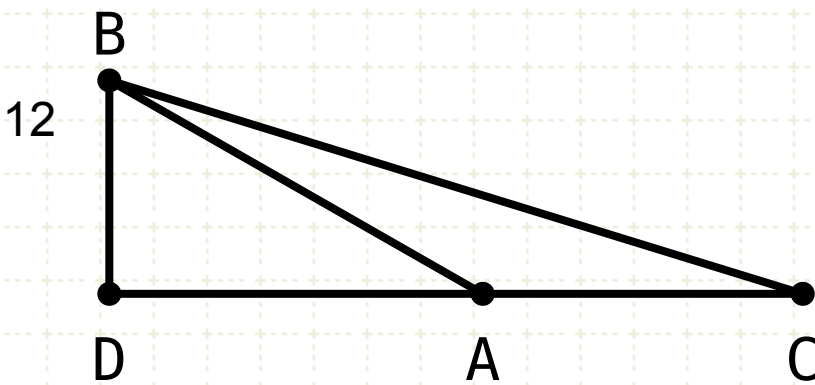
$AD^2 + DB^2 = 2 \cdot (AC^2 + CD^2)$



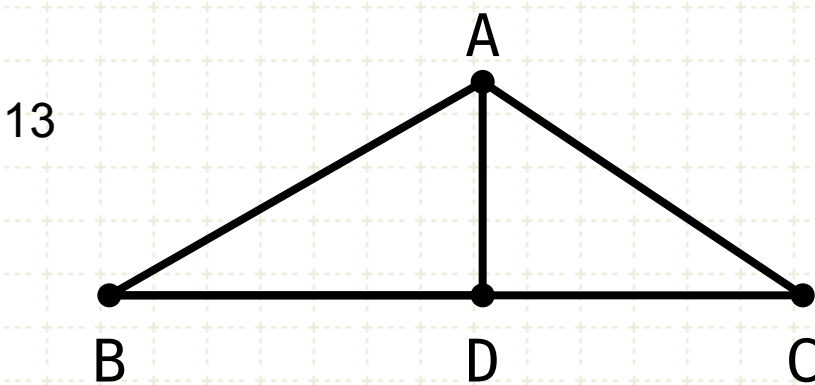
$AD^2 + DB^2 = 2 \cdot (AC^2 + CD^2)$



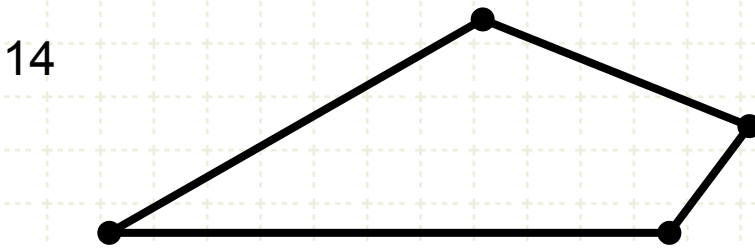
Find H. $AB \cdot BH = AH^2$



Cosine Law. $BC^2 = AB^2 + AC^2 + 2 \cdot AD \cdot AC$



Cosine Law. $AC^2 = AB^2 + BC^2 - 2 \cdot BD \cdot BC$



Find square of polygon

