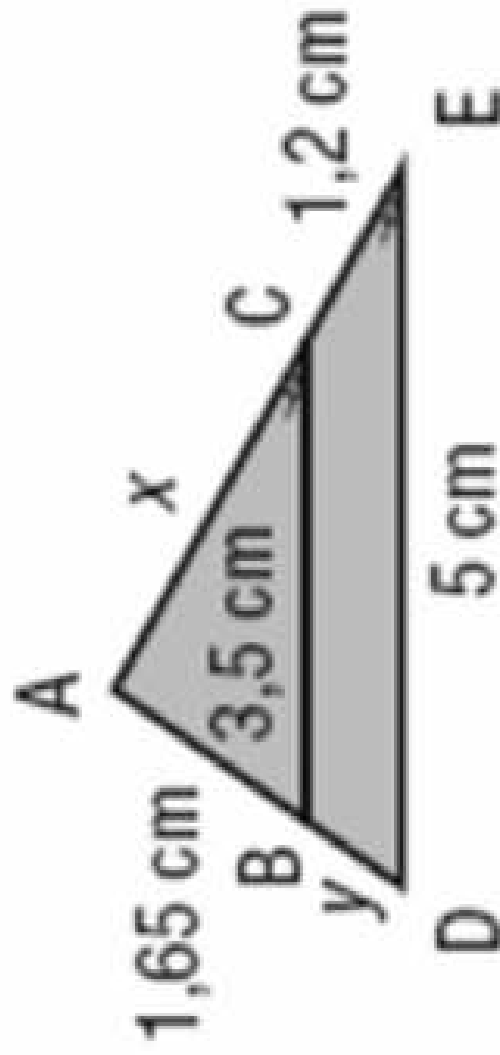


Trouvez  $x$  et  $y$ .



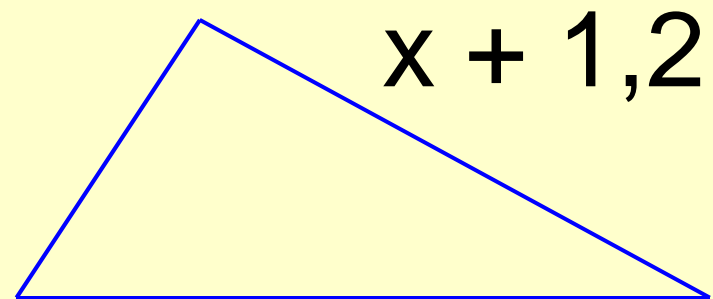
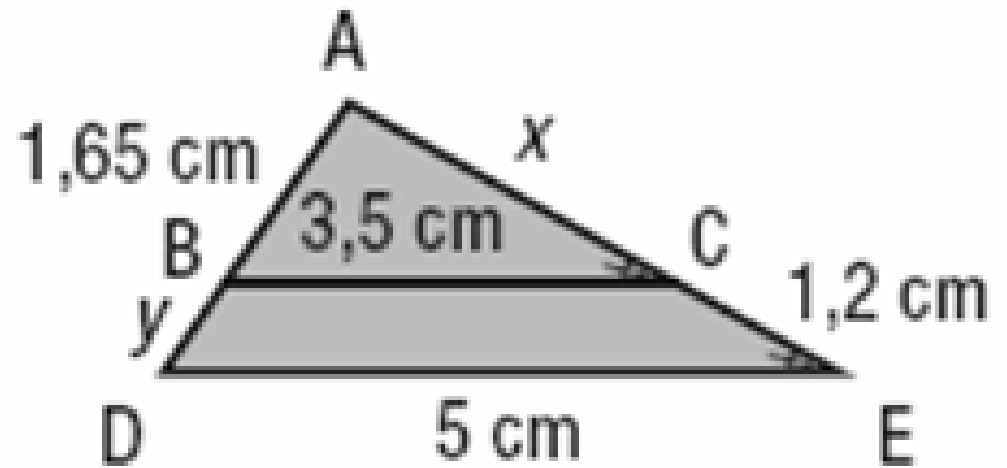
$$\frac{x}{x+1,2} = \frac{3,5}{5}$$

$$5x = 3,5(x+1,2)$$

$$5x = 3,5x + 4,2$$

$$1,5x = 4,2$$

$$x = 2,8 \text{ cm}$$



En premier, prouver par AA  
que les deux triangles sont  
semblables

$$\frac{y + 1,65}{1,65} = \frac{5}{3,5}$$

$$3,5(y + 1,65) = 5 \cdot 1,65$$

$$3,5y + 5,775 = 8,25$$

$$3,5y = 2,475$$

$$y = 0,71 \text{ cm} \quad y + 1,65$$

