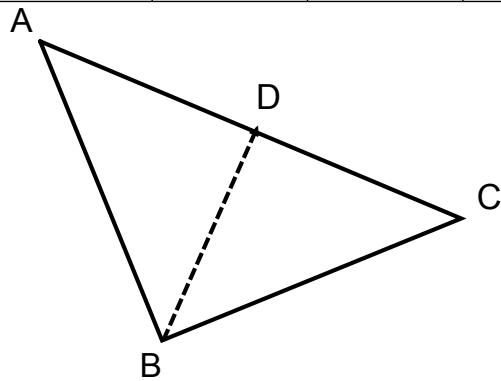
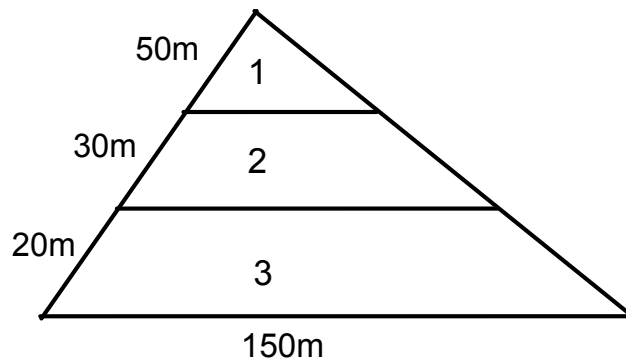


Length of the segments

mAB	mBC	m AC	m BD	m AD	m CD
18		30			
	20		12		
				7.2	12.8



7. A plot of land was divided into three triangular lots using segments parallel to one of its sides. Considering that the perimeter of the 1st lot is 195 m, calculate the perimeter of the other two lots.



6. A metal worker must bend a piece of aluminum that is in the shape of an isosceles trapezoid for the purpose of creating a ventilation device. As illustrated, the metal worker must bend the piece along the dotted lines BF , CE , FG and EH . The piece of aluminum has a surface area of 672 cm^2 .

- What is the distance between points A and G ?
- What is the total length of the four folds on this piece of aluminum?

