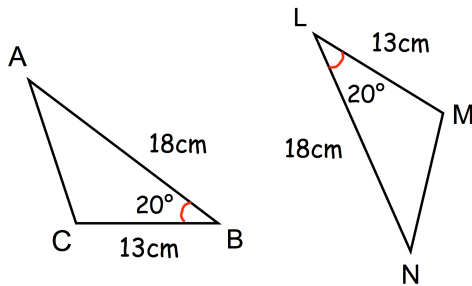
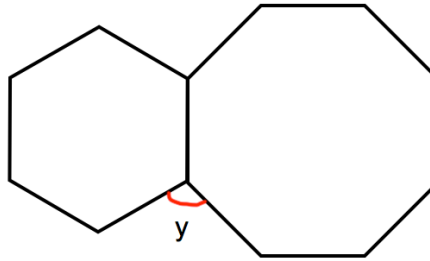




Make  $t$  the subject of the formula

$$v = u + 10t$$

Shown is a regular hexagon and a regular octagon.  
Calculate the size of angle  $y$ .



Triangles ABC and LMN are congruent.

State the reason why.

Luke runs 3 kilometres in 5 minutes.

Calculate his average speed.  
Give your answer in m/s

Poppy bought 16 footballs for £68

She sold the footballs for £7.65 each.

Calculate the percentage profit.