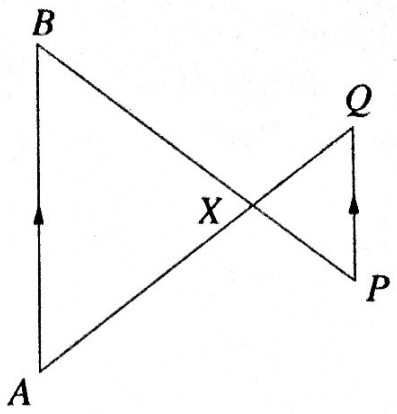
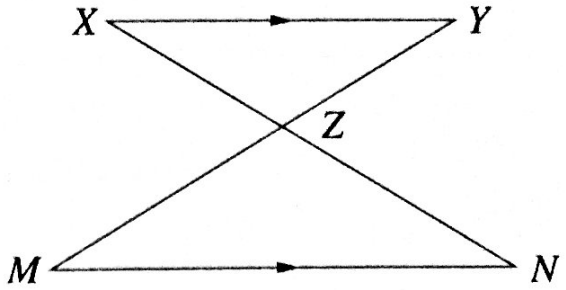
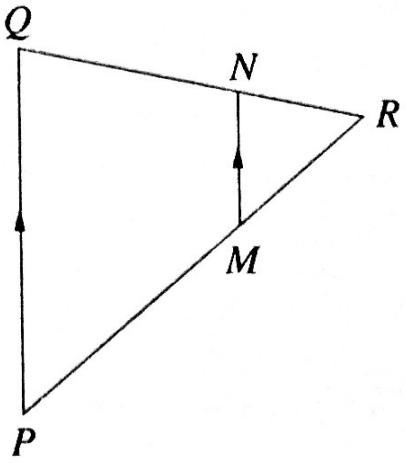
9. In the figure, if $AB \parallel PQ$, $AX = 5$ units, $QX = 2$ units and $AB = 6$ units, calculate QP.



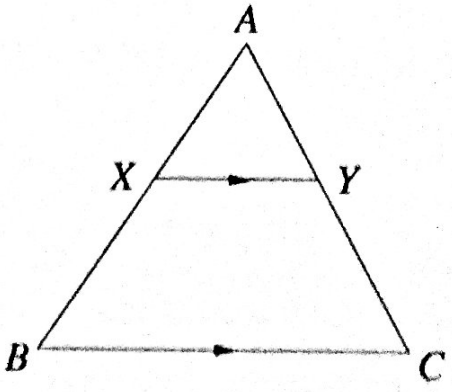
10. In the figure, if $XY \parallel MN$, $\frac{YZ}{MZ} = \frac{3}{4}$ and $XY = 5$ units, calculate NM.



11. In the figure, $MN \parallel PQ$, $\frac{RM}{RP} = \frac{3}{8}$ and $PQ = 16$ units. Calculate MN.



12. In the figure, if $XY \parallel BC$, $AX = 2$ units, $XB = 3$ units and $BC = 5$ units, calculate XY.



13. In the figure, all measurements are in centimetres.

(a) Explain why the figure contains two similar triangles.

(b) Write a correct statement of similarity and state the test used.

(c) Calculate AC, correct to 1 decimal place.