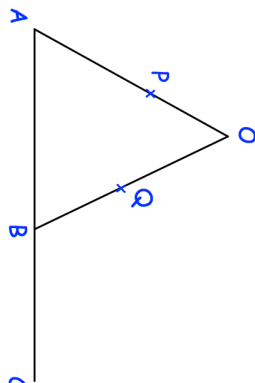
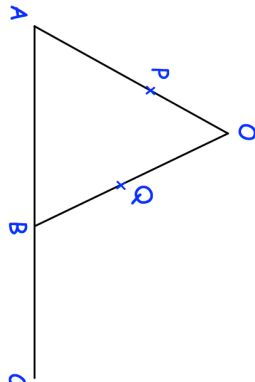


9th January	Corbettmaths
Simplify $\frac{5}{18x} \frac{18x}{4}$ $6x$	
Find the equation of the straight line passing through B(-2, 8) and C(1, 0). Give your answer in the form $ax + by + c = 0$ where a, b and c are integers.	
Express $3x^2 + 12x + 13$ in the form $a(x + b)^2 + c$	
Find the vector \vec{OB} in terms of a and b	 <p>AOB is a triangle. P is a point on AO. $\vec{AB} = 2a$ $\vec{AO} = 6b$ $AP:PO = 2:1$</p>
Q is the midpoint of OB. B is the midpoint of AC. Show PQC is a straight line.	

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