

Question	Working	Answer	Mark	Notes	Sub-Total	Total
16 (a)		$6w^5y^8$	B2	B1 for 2 terms correct as part of a product. Do not ISW	2	
(b)		$3a^2c$	B2	B1 for 2 terms correct as part of a product, allow $3a^2c^1$ . Do not ISW	2	4
17	$OBA = 52^\circ$  $AOB = 76^\circ$ or $BAC = 128^\circ$  e.g. angle between <b>tangent</b> and <b>radius</b> = <b>90°</b> base angles/radii equal / isosceles triangle <u>Angle sum of triangle</u> Angle sum of <u>triangle</u> = <b>180</b> <u>Angle sum of straight line</u> Angle sum of <u>straight line</u> = <b>180</b>	14	M1  M1  A1  B1	may be marked on diagram  may be marked on diagram must be identified as correct angles  for 2 correct reasons for method used		
18 (a)	$\begin{pmatrix} -4 \\ 2 \end{pmatrix} + \begin{pmatrix} -2 \\ 6 \end{pmatrix}$ or $\begin{pmatrix} -2 \\ 6 \end{pmatrix} - \begin{pmatrix} 4 \\ -2 \end{pmatrix}$	$\begin{pmatrix} -6 \\ 8 \end{pmatrix}$	M1  A1	oe	2	
(b)	$\sqrt{(-6)^2 + 8^2}$	10	M1ft  A1ft	ft part(a). Condone missing minus.  ft part (a)	2	4