Question	Working	Answer	Mark	Notes
10	24.3 – 16 (= 8.3)		4	M1 Forming a right angled triangle with 24.3 – 16 on one side, 8.3 may be seen on diagram
	$\tan y = \frac{12.5}{"8.3"}$ or $\tan z = \frac{"8.3"}{12.5}$ **OR** $\sqrt{"8.3"^2 + 12.5^2}$ (= 15.004…) **and** $\sin y = \frac{12.5}{"15.0"}$ or $\sin z = \frac{"8.3"}{"15.0"}$ or $\cos y = \frac{"8.3"}{"15.0"}$ or $\cos z = \frac{12.5}{"15.0"}$			M1 for a correct trig statement involving angle *CDE* or *DCE* where *E* is on the line *AD* and *CE* is perpendicular to *AD*
	$\tan^{-1}\left(\frac{12.5}{"8.3"}\right)(= 56.415\ldots)$ or $\tan^{-1}\left(\frac{"8.3"}{12.5}\right)(= 33.584\ldots)$ or $\sin^{-1}\left(\frac{12.5}{"15.0"}\right)(= 56.415\ldots)$ or $\sin^{-1}\left(\frac{"8.3"}{"15.0"}\right)(= 33.584\ldots)$ or $\cos^{-1}\left(\frac{"8.3"}{"15.0"}\right)(= 56.415\ldots)$ or $\cos^{-1}\left(\frac{12.5}{"15.0"}\right)(= 33.584\ldots)$			M1 complete method to find angle *CDE* or *DCE*
		123.6		A1 123.5 – 123.6
				Total 4 marks