

Question	Working	Answer	Mark	Notes
4	$(1 - 0.64) \times 75$ or 0.64×75 or $75 - 0.64 \times 75$ oe			M1
		27	2	A1 Working not required, so correct answer scores full marks (unless from obvious incorrect working)
Total 2 marks				

5	Method 1	Method 2			
	$2y = 17$ oe	$4x = -16$ oe			M1 Eliminating either x or y to get a correct equation in one unknown
	$4x + 4 \times "8.5" = 18$ or $4x = -16$	$4 \times (" - 4") + 6y = 35$ or $2y = 17$			M1 Subst their x or y value into either equation or start again. If M1 has already been awarded this can be implied by a correct value for x and y . NB The Speech marks around the -4 (" - 4") means this follows through from their value
			$x = -4$ $y = 8.5$	3	A1 dep on 1 st M1 being awarded
Total 3 marks					

6	$[AD =] \sqrt{25^2 - (50 - 35)^2} [= 20]$			M1 Correct calculation to find AD or [$AD =] 20$ Allow using their $h = (50 - 35)$ if marked on their diagram provided h is between 5 and 25. Must see the Pythagoras calculation eg $\sqrt{25^2 - 18^2}$ NB Anything appearing in square brackets is not required
	$[\text{Perimeter } =] 50 + 25 + 35 + "20"$			M1 dep on previous method mark being awarded. Follow through their "20".
		130	3	A1 Working not required, so correct answer scores full marks (unless from obvious incorrect working)
Total 3 marks				