

23	-5	P1 for $x^2 + y^2 = 125$ or $5^2 + 10^2 (= 125)$ P1 for process to find y coordinate of Q, eg $(\pm)\sqrt{125 - (-2)^2}$ P1 for selecting $-\sqrt{125 - (-2)^2}$ eg $y = -11$ P1 (dep P2) for process to find y intercept, eg $\frac{10 - [y]}{5 - -2}$ ($= 3$) and substitutes $x = 5, y = 10$ in $y = "3"x + k$ or $\frac{10 - [y]}{5 - -2}$ ($= 3$) and $[y] + 2 \times "3"$ or $\frac{10 - k}{5} = \frac{k - [y]}{2}$ or $[y] + \frac{2}{7} \times (10 - [y])$ A1 cao	Where $[y]$ is their y coordinate of Q
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