| | | | | | |
|---|---|---|---|---|---|
| **12** | $y=\frac{7-5x}{2}$ or $y=\frac{7}{2}-\frac{5}{2}x$ or $y=3.5-2.5x$ or $2y=7-5x$ oe | | 2 | M1 | for making $y$ or $2y$ the subject<br>Allow $y=-\frac{5}{2}x+c$ oe |
| | | −2.5 | | A1 | for $-\frac{5}{2}$ or −2.5 |
| | | | | | **Total 3 marks** |

| | | | | | |
|---|---|---|---|---|---|
| **13** | $\cos 35°=\frac{15}{AB}$ or $\sin 55°=\frac{15}{AB}$<br>or $\frac{15}{\sin 55}=\frac{JB}{\sin 35}$ **and** $\left(AB^2=\right)("10.50")^2+15^2$<br>or $\tan 35°=\frac{JB}{15}$ **and** $\left(AB^2=\right)("10.50")^2+15^2$ | | 5 | M1 | oe eg $x$ for $AB$ |
| | $(AB=)\frac{15}{\cos 35°}$ (=18.3…)<br>**or** $(AB=)\frac{15}{\sin 55°}$ (=18.3…)<br>**or** $(AB=)\sqrt{("10.50")^2+15^2}$<br>**or** $(AB=)\sqrt{(15\tan 35)^2+15^2}$ | | | M1 | |
| | '18.3' × 4 (= 73.2) | | | M1 | dep 1st M1 |
| | 80 − '18.3' × 4 or 80 – '73.2' | | | M1 | dep 1st M1 |
| | | 6.75 | | A1 | accept 6.75 – 6.8 |
| | | | | | **Total 5 marks** |