| | | | | | |
|---|---|---|---|---|---|
| **12** | (a) | $(AD =)10\times1.5$ (= 15) oe | | 2 | M1 |
| | | *Working not required, so correct answer scores full marks (unless from obvious incorrect working)* | 5 | | A1 |
| | (b) | $(2x+5)+(3x-5)=1.5\times(2x+5)$ oe<br>or<br>$5x=1.5\times(2x+5)$ oe<br>or<br>$5x = 3x + 7.5$ oe<br>or<br>$\frac{3x-5}{2x+5}=\frac{1}{2}$ oe | | 2 | M1 for a correct equation for $x$ |
| | | *Working not required, so correct answer scores full marks (unless from obvious incorrect working)* | 3.75 | | A1 oe eg $\frac{15}{4}$ or $3\frac{3}{4}$ |
| | | | | | **Total 4 marks** |