

Question	Answer	Mark	Mark scheme	Additional guidance
28	(11, 14.5)	<p>P1</p> <p>P1</p> <p>A1</p>	<p>for process to work with coordinates,</p> <p>eg $8 - 2 (= 6)$ or $12 - 7 (= 5)$ or eg $(2 + 8) \div 2 (= 5)$ or $(7 + 12) \div 2 (= 9.5)$</p> <p>for process to use proportion, eg “6” $\div 2 (= 3)$ oe or “5” $\div 2 (= 2.5)$ oe</p> <p>or $2 + \text{“6”} \times 1.5 (= 11)$ or $2 + 9 (= 11)$ oe or $7 + \text{“5”} \times 1.5 (= 14.5)$ or $7 + 7.5 (= 14.5)$ oe</p> <p>or “5” + “6” (= 11) or $8 + \text{“5”} - 2 (= 11)$ oe or “9.5” + “5” (= 14.5) or $12 + \text{“9.5”} - 7 (= 14.5)$ oe</p> <p>or (11, a) where $a \neq 14.5$ or (b, 14.5) where $b \neq 11$</p> <p>for (11, 14.5) oe</p>	<p>Working may be seen on the diagram</p> <p>Allow alternative notation eg (6, 5) or (5, 6) or (5, 9.5) or (9.5, 5)</p> <p>Implied by $\frac{\dots\dots}{8-2}$ or $\frac{12-7}{\dots\dots}$ even if using $\frac{\text{diff in } x}{\text{diff in } y}$</p> <p>Allow alternative notation eg (3, 2.5) or (2.5, 3)</p> <p>Implied by $8 + \text{“3”} (= 11)$ or $12 + \text{“2.5”} (= 14.5)$</p> <p>Award P2 for (14.5, 11)</p>