

3		<p>DR</p> $x + 3 \geq 14.5$ $x \geq 11.5$ $x(x + 3) < 180$ $x^2 + 3x - 180 (< 0) \Rightarrow (x - 12)(x + 15) (< 0)$ $-15 < x < 12$ $11.5 \leq x < 12$	<p>M1</p> <p>A1</p> <p>M1</p> <p>M1</p> <p>A1</p> <p>B1</p> <p>[6]</p>	<p>3.1b</p> <p>1.1</p> <p>3.1b</p> <p>1.1</p> <p>1.1</p> <p>1.1</p>	<p>E</p> <p>E</p> <p>E</p> <p>E</p> <p>C</p> <p>C</p>	<p>Accept any inequality or equals and any letter for the width</p> <p>Correct inequality (seen or implied)</p> <p>Accept any inequality or equals</p> <p>Correct expansion and attempt to solve three term quadratic</p> <p>Correct inequalities (seen or implied)</p>	<p>M1A1 correct answer with no working</p> <p>SC B1: $x < \sqrt{60}$</p> <p>B1: $x \geq 29 / 6$</p>
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