

<b>8</b>		$T \cos 15 = 60$	<b>M1</b>	<b>1.1</b>	Resolve horizontally, correct number of terms, allow sin/cos confusion (e.g. $T \sin 15 = 60$ scores <b>M1</b> but $T = 60 \cos 15$ scores <b>M0</b> )	Where $T$ is the tension in the rope  62.11657082...
		$T = 62.1 \text{ (N)}$	<b>A1</b>	<b>1.1</b>	awrt 62.1 – allow the exact answer of $60(\sqrt{6} - \sqrt{2})$	
			[2]			