


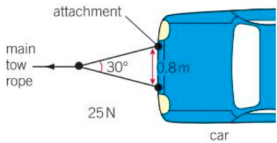




<p>Drawing Forces </p> <p>Draw a free body diagram for a helicopter taking off</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 3</p>
<p>Drawing Forces </p> <p>Draw a free body diagram of a duck that is standing still on a slope</p>	<p>mrbakerssciencestuff.com</p> <p>2 of 3</p>
<p>Drawing Forces </p> <p>A tow rope is attached to a car at two points 0.8m apart. The two sections of rope joined to the car are the same length and are <math>30^\circ</math> to each other as in the diagram.</p> <p>The pull on each attachment should not exceed 3000N.</p> <p>Find the maximum tension in the main tow rope.</p> 	<p>mrbakerssciencestuff.com</p> <p>3 of 3</p>

Instructions:

- (1) Answer the questions.
- (2) Watch the clip and correct your answers.
- (3) Print out, fold over on dotted line and make into flashcards.
- (4) Use for retrieval quizzes.

