










<p>Impact Forces </p> <p>What is the equation that relates force, change in momentum and time? What are the units?</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 5</p>
<p>Impact Forces </p> <p>A rugby ball of mass 0.5 kg is kicked from stationary to a velocity of 8 m/s. The kicker's foot is in contact with ball for 0.1 seconds. What force does the kicker use?</p> 	<p>mrbakerssciencestuff.com</p> <p>2 of 5</p>
<p>Impact Forces </p> <p>A tennis ball is rolled at a toy car of mass 0.1 kg. The car is moved with a velocity of 0.5 m/s. If the ball and car are in contact for 0.05 seconds, with what force is the tennis ball rolled?</p>  	<p>mrbakerssciencestuff.com</p> <p>3 of 5</p>
<p>Impact Forces </p> <p>State 3 features of cars that are installed to reduce the impact forces in a crash.</p>	<p>mrbakerssciencestuff.com</p> <p>4 of 5</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.





Impact Forces



mrbakersciencestuff.com

How do seatbelts, airbags and crumple
reduce impact forces?

5 of 5

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.

