





<p>Energy Efficiency</p> <p>What does efficiency measure?</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 4</p>
<p>Energy Efficiency</p> <p>What is the equation for energy efficiency?</p>	<p>mrbakerssciencestuff.com</p> <p>2 of 4</p>
<p>Energy Efficiency</p> <p>A filament bulb is supplied with 100 J of electrostatic energy, which it radiates usefully as 45 J of light.</p> <p>a) How much energy is wasted? b) How is it wasted? c) What is the efficiency of the bulb?</p> 	<p>mrbakerssciencestuff.com</p> <p>3 of 4</p>
<p>Energy Efficiency</p> <p>A television converts 2 000 J of electrostatic energy into useful energy at an efficiency of 65%.</p> <p>a) How is the useful energy transferred? b) How much useful energy is produced?</p> 	<p>mrbakerssciencestuff.com</p> <p>4 of 4</p>

Instructions:

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

