

# Energy and energy efficiency

AST

PAGES 70–72

Complete this Concept Review so you can keep a record of what you have learned.

## Definitions

- Energy is \_\_\_\_\_

Unit of measurement: \_\_\_\_\_ Symbol: \_\_\_\_\_

1 J = \_\_\_\_\_

- The law of conservation of energy states \_\_\_\_\_

- Energy efficiency is \_\_\_\_\_

## Mathematical formula for calculating energy efficiency

## Some forms of energy, with possible sources

Form of energy	Description	Examples of sources
Radiation	<div></div> <div></div> <div></div> <div></div>	<div></div> <div></div> <div></div> <div></div>
Chemical energy	<div></div> <div></div> <div></div> <div></div>	<div></div> <div></div> <div></div> <div></div>
Wind energy	<div></div> <div></div> <div></div>	<div></div> <div></div> <div></div>