

What is Energy?

Fill in the blanks from the box below.

sound	energy	light
pitch	loudness	vibrate
heat		

1. The things that cause matter to move or change _____.
2. Energy we can hear _____
3. Energy that lets us see _____
4. Energy that makes things warmer _____
5. How high or low a sound is _____ .
6. How loud or soft a sound is _____ .
7. Move back and forth very quickly _____.

Choose the correct option.

1. We see objects that give off _____.
2. The sun gives off _____.
3. Rubbing your hands together _____ them.
4. Heat keeps people _____.
5. Adding more light makes objects look _____.
6. The door lets _____ light pass through.
7. The whistle makes a sound with _____ pitch.
8. Whispers are _____.

Choose true or false in front of each sentence.

1. Burning fuel gives off heat that warms people.
2. A windowpane lets no light pass through.
3. It takes more energy when we whisper.
4. Light is made when objects vibrate.
5. The big drum makes a high pitch sound.
6. The cheers from a crowd are soft.

Look at each picture and tell which kind of energy that it shows.



Match the word with its definition.

	is energy you can hear
	is energy that lets you see.
	is a kind of energy that makes things warmer.

Apply Concepts

Fill in the chart. Write the effect of each cause.

Cause		Effect
add light	→	<hr/> <hr/>
add heat	→	<hr/> <hr/>
add more energy to make sound	→	<hr/> <hr/>

Write a word from the word bank for each clue.

energy

loudness

heat

vibrate

1 how loud or soft a sound is

2 to move back and forth
very quickly

3 can cause matter to
move or change

4 energy that makes
things warmer