

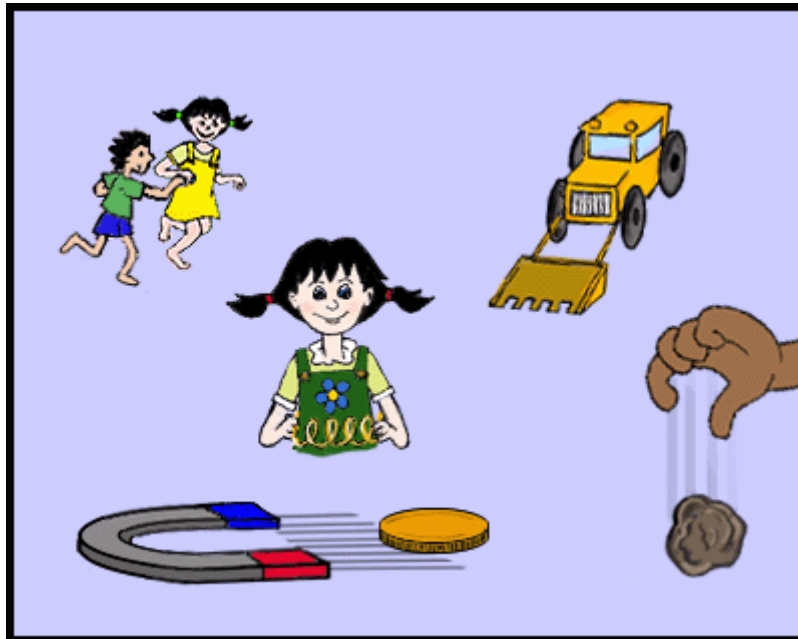


Subject: Grade 7 Natural Sciences
Topic: Sources and types of energy
Total: 38 Marks

Name: _____

Date: _____

This image refers to question: 1



Question 1: Text Input

3 marks

Use **one word** to complete the following sentence.

... energy is a type of energy that is STORED in objects.

Type only **one word**.

Question 2: True/False

2 marks

Anything that is moving has kinetic energy.

 TRUE FALSE

This image refers to question: 3



Question 3: Please Fill In The Blanks

8 marks

The graphic shows examples of different systems. Match each number to the correct description:

- (1) (1) .
- (2) (2) .
- (3) (3) .
- (4) (4) .

Possible Answers: renewable system | biological system | potential system | kinetic system | electrical system | cooling system | mechanical system | thermal system

1	
3	

2	
4	

Question 4: Please Fill In The Blanks

6 marks

Nuclear waste needs to be securely sealed in (1) containers and buried in areas which have a low (2) and are not known to have (3) .

Possible Answers: aluminium | lead | temperature | earthquakes | rainfall | grass

1	
3	

2	
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This image refers to question: 5



Question 5: Multiple Choice

4 marks

Which one of the following best describes the energy conversion in the graphic?

- A** chemical potential energy converted to light energy
- B** electrical energy converted to kinetic energy
- C** heat energy converted to light energy
- D** light energy converted to kinetic energy

Question 6: True/False

2 marks

Energy cannot be destroyed, but it can be created by an energy source or converted from one form to another.

TRUE

FALSE

Question 7: Text Input

3 marks

... and steam were originally used as sources of energy in the steam engine.

This image refers to question: 8, 9



Question 8: Text Input

3 marks

Energy is the ability to do

Question 9: Multiple Choice

4 marks

Humans receive their energy from their

- | | |
|----------|-------------|
| A | clothes |
| B | electricity |
| C | food |
| D | education |
-

Question 10: Text Input

3 marks

Fuels that were formed millions of years ago from the remains of plants or animals are called

Total: 38 Marks