



Energy Changes Worksheet

8th grade

1. In an exothermic reaction does the temperature go up or down?

.....

2. In an endothermic reaction does the temperature go up or down?

.....

3. Name two examples of exothermic reactions

.....

4. Name two examples of endothermic reactions

.....

5. Circle the correct answers.

The bonds between the atoms of the reactants / products need to be broken first, this is an endothermic / exothermic process. The new bonds are made between the atoms of the reactants / products, this is an endothermic / exothermic process.

6. Use the table to answer this question:

Reaction	Starting temperature °C	Final temperature °C
A	20	31
B	22	18
C	21	25

- Decide whether each reaction is endothermic or exothermic, explain how you could tell.

.....
.....
.....

- Which reaction has the largest energy change?

.....