

1

An exothermic reaction *
(1 Point)

- ☐ releases heat to the surroudings
- ☐ absorbs heat from the surroundings
- ☐ chanages colour

2

In an endothermic reaction *
(1 Point)

- ☐ heat is absorbed from the surroundings
- ☐ heat is released to the surroundings
- ☐ a gas is given off

3

A fuel is any substance * [unclear]
(1 Point)

- ☐ that smells bad
- ☐ releases energy when burned
- ☐ that is finite
- ☐ takes heat in

4

The unit of temperature is *

(1 Point)

- ☐ grams
- ☐ minutes
- ☐ degrees celcius
- ☐ centimetres

5

To calculate the average of 2 numbers you must *
(1 Point)

- ☐ add the numbers together and then multiply by 2
- ☐ subtract the 2 numbers
- ☐ add the numbers together and then divide by 2
- ☐ divide the numbers by 2

6



The aim of an experiment was to find out the effect of using more than one candle to heat water in a glass beaker.

From the list below click on the 2 factors (variables) should be kept the same to make this a fair test *
(2 Points)

- ☐ the number of candles
- ☐ the volume of water
- ☐ starting temperature of the water
- ☐ distance between the candles and the water