

1. The following table shows the results of an experiment to determine the rate of reaction between hydrogen peroxide and potassium iodide. The reaction is exothermic.

Time taken for the reaction to complete / s	Temperature of the reaction mixture / °C
120	20
150	25
180	30
210	35
240	40
270	45
300	50
330	55
360	60
390	65
420	70
450	75
480	80
510	85
540	90
570	95
600	100