

How old is your height?

Name :

170 years ago many children were employed in factories. This Act of Parliament put limits on the number of days and hours that children of different ages could work.



Introduction

I think that the youngest age allowed in a factory was ___ years. They would have been allowed to work for ___ hours per day and ___ days per week.

I also think they would have had ___ hours of school per day.

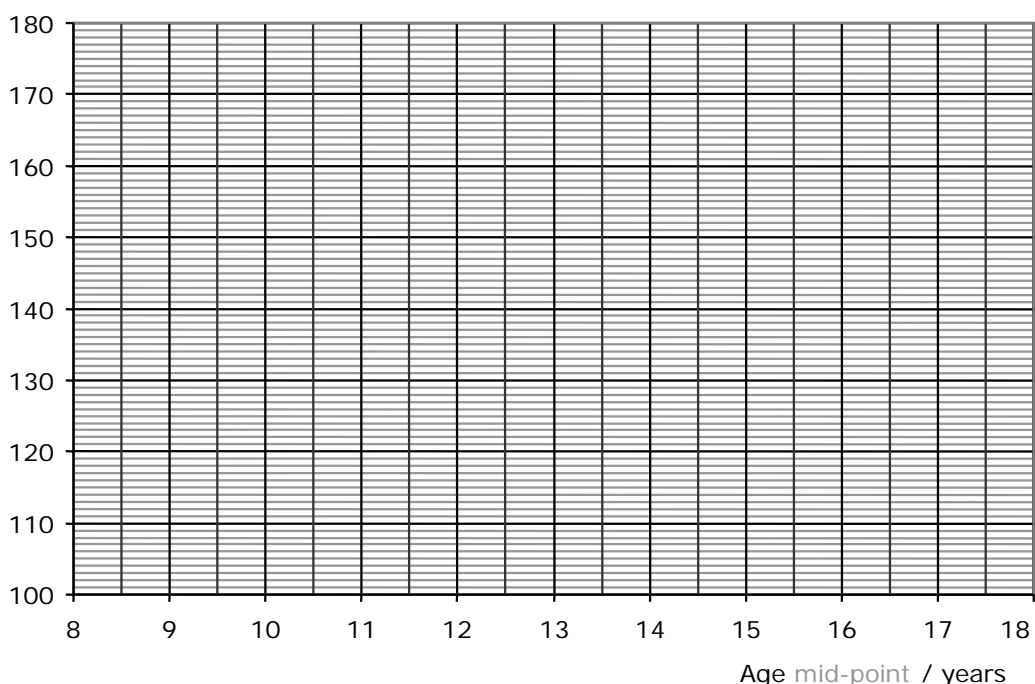
Factories were inspected to make sure that owners were not employing under-aged workers. To help them to quickly judge children's ages they needed a quick and simple method.

Complete the table to show the survey that was carried out to help the inspectors.

Table 1

Age Range	Mid point	Average (cm)	
		Boys	Girls

Height / cm



For more information on the 2011 Census visit our website at www.census.gov.uk

Resource from the *CensusAtSchool* project at www.censusatschool.org.uk

How old is your height?



Discuss

Were there any patterns linking age and height in the inspectors' data?
As age increases does height increase in a regular way? Is the graph for boys similar to girls?

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Are there any problems with these graphs created from the age and average height?

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When you add your own heights, how many pupils fall below or above the lines the inspectors used? Does this suggest anything about modern pupils?

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Plan



Collect

What are you going to investigate?

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What information are you going to collect?
Is it primary or secondary data?

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How large a sample are you going to collect?

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What patterns do you think you are likely to find?
This is your hypothesis

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