

Name: _____

5-a-day

Higher

16th March



Corbettmaths

A lock has four rotating wheels, each with numbers 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9.

How many different combinations can be set?

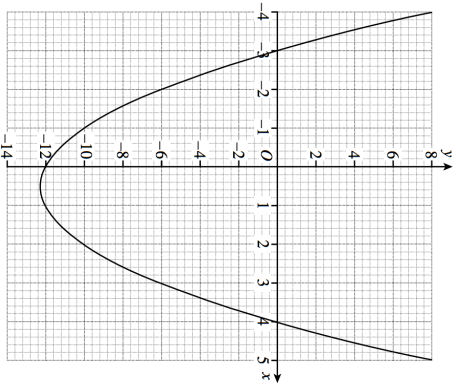
Find the greatest and least total length of 8 sticks, each 6cm to the nearest cm.

Least length = _____

Greatest length = _____

Shown is the graph $y = x^2 - x - 12$

Using the graph, write down the roots for $x^2 - x - 12 = 2$



Write the cube root of y in index form

Write down the equation of the line of symmetry for the graph $y = x^2 - x - 12$

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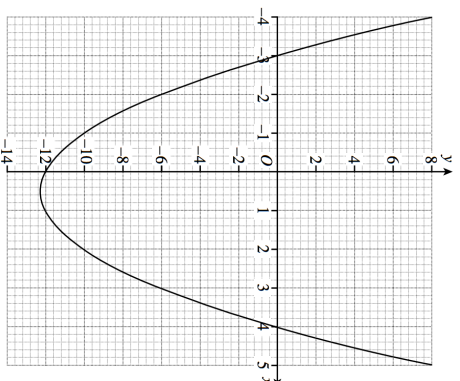
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