**Building Up to… A Harder Simultaneous Equations Question**

Rewrite…

What number does the # represent?

Solve…

Now solve these simultaneous equations…



Factorise (write as difference of two squares)…

Solve these simultaneous equations…

Now try solving these simultaneous equations…

And now here’s an A level version of this question. See how far you can get…



**More Practice… A Harder Simultaneous Equations Question**

Rewrite…

What number does the # represent?

Solve…

Now solve these simultaneous equations…



Factorise (write as difference of two squares)…

Solve these simultaneous equations …



Now try solving these simultaneous equations…



Extension task. What’s going on here?...

So we’re nearly there…

You just did…

So how about?…

Or perhaps?...

**Building Up to… A Harder Simultaneous Equations Answers**

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What number does the # represent?

Solve…

Now solve these simultaneous equations…



Factorise (write as difference of two squares)…

Solve these simultaneous equations…

Now try solving these simultaneous equations…

And now here’s an A level version of this question. See how far you can get…



**More Practice… A Harder Simultaneous Equations Answers**

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Extension task. What’s going on here?...