### June 4

<table>
<thead>
<tr>
<th>5-a-day</th>
<th>Higher</th>
</tr>
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</table>

Calculate the perimeter.

![Right-angled triangle with sides 3cm and 5cm](image1)

**Make m the subject**

\[ E = \frac{1}{2}mv^2 \]

**Martin has tried to factorise 20m + 16.**
His answer is \(2(10m + 8)\)
His teacher gave him one mark out of two.

**Explain to Martin what he should do to get two marks?**

The area of the rectangle shown is 300cm\(^2\)
Find \(x\)

![Rectangle with sides \(x + 5\) and \(x\)](image2)