
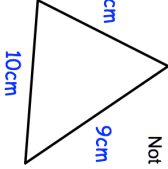

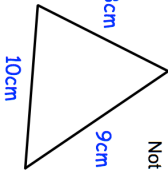


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| 21st April Show the equation $x^3 + 6x = 25$ has a solution between 2 and 3. |  Corbettmaths |
| Show the equation $x^3 + 6x = 25$ can be rearranged to give $x = \sqrt[3]{25 - 6x}$ | |
| Starting with $x_0 = 0$ use the iteration formula $x_{n+1} = \sqrt[3]{25 - 6x_n}$ three times to find an estimate for the solution of $x^3 + 6x = 25$ | |
| Not to scale  | Find the area of the triangle |
| The graph $y = x^2 + 9x - 10$ has a line of symmetry. Write down the equation of the line of symmetry. | |

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