
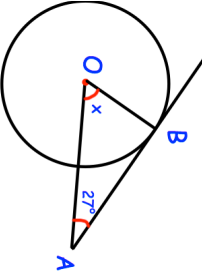
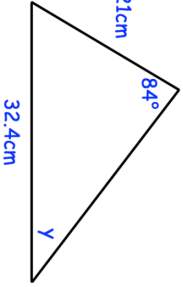

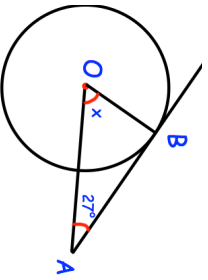
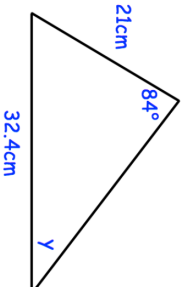


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| 14th April | Corbettmaths  |
|  | <p>AB is a tangent Find x</p> |
| <p>The force, F newtons, exerted by a magnet on a metal object is inversely proportional to the square of the distance d cm. When $d = 2$ cm, $F = 50$ N.</p> | <p>(a) Express F in terms of d.</p> |
| <p>(b) Find the force when the distance between the magnet and metal object is 10cm</p> | <p>(c) Find the distance between the magnet and metal object when the force is 8N.</p> |
| <p>Evaluate $27^{2/3}$</p> | |
| <p>Find the size of angle y</p> |  |

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