

QUICK COVER

Angles (2)

Task 1 : Calculating missing angles in a triangle

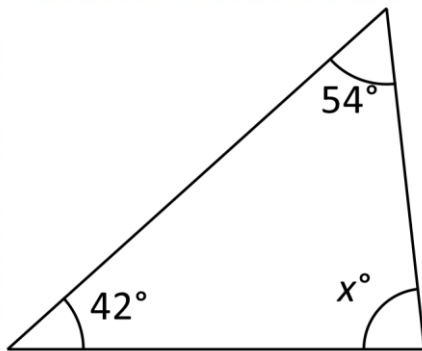
Task 2 : Calculating missing angles in an isosceles triangle

Task 3 : Calculating missing in triangles using an exterior angle

Task 4 : Mixture of Tasks 1 to 3

TASK 1

Calculate x



$$x^\circ + 42^\circ + 54^\circ = 180$$

$$x^\circ + 96^\circ = 180^\circ$$

$$x^\circ = 180^\circ - 96^\circ$$

$$x^\circ = 84^\circ$$

**Angles in a triangle
add up 180°**

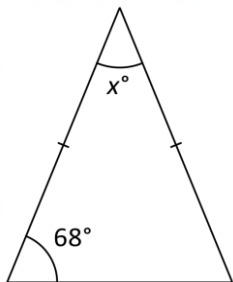
TASK 2

$$x^\circ + 68^\circ + 68^\circ = 180^\circ$$

$$x^\circ + 136^\circ = 180^\circ$$

$$x^\circ = 180^\circ - 136^\circ$$

$$x^\circ = 44^\circ$$



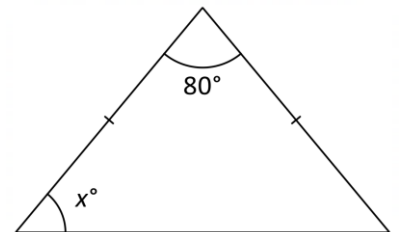
**In an isosceles triangle 2 of
the angles are the same
size**

$$x^\circ + x^\circ + 80^\circ = 180^\circ$$

$$2x^\circ + 80^\circ = 180^\circ$$

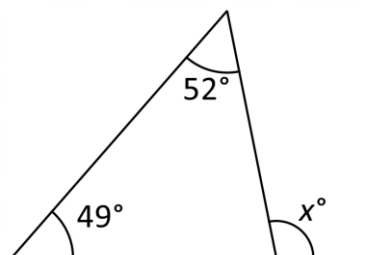
$$2x^\circ = 100^\circ$$

$$x^\circ = 50^\circ$$



**An exterior angle is equal to
the sum of the opposite
internal angles**

TASK 3

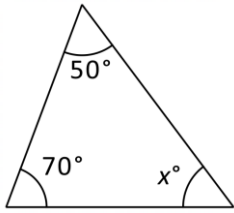


$$x^\circ = 52^\circ + 49^\circ$$

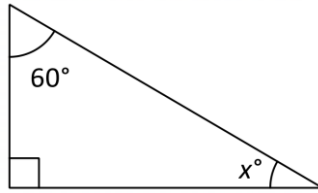
$$x^\circ = 101^\circ$$

TASK 1 Calculate x

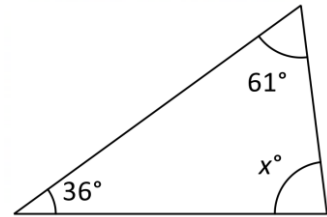
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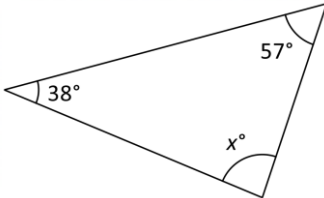
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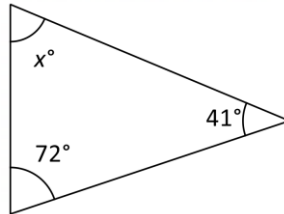
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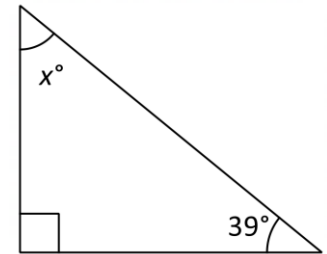
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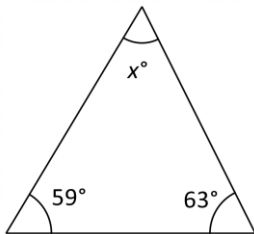
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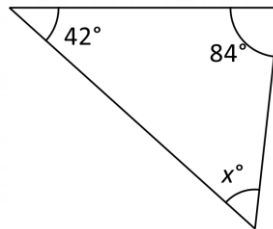
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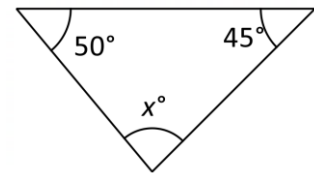
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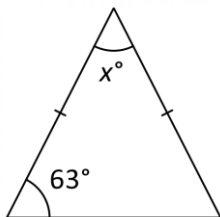


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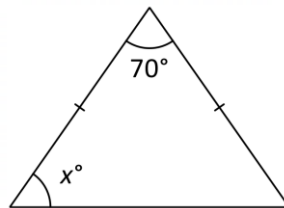


TASK 2 : Calculate x

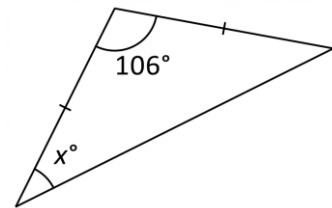
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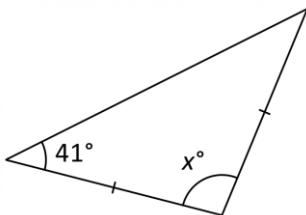
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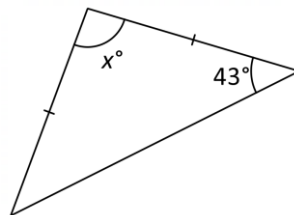
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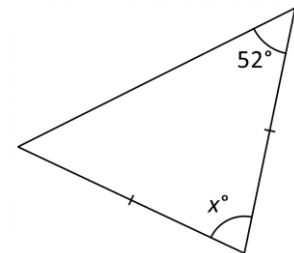
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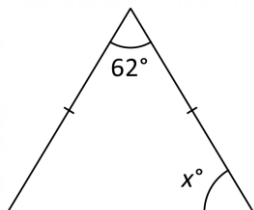
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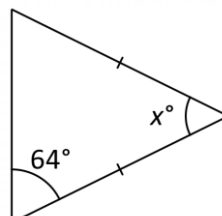
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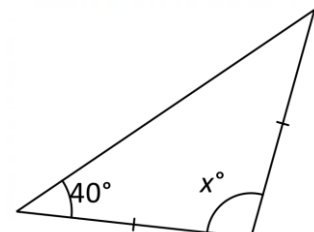
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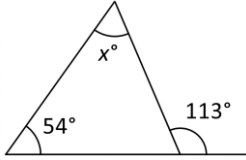


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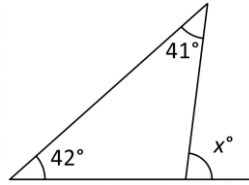


TASK 3 Calculate x

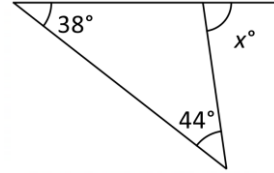
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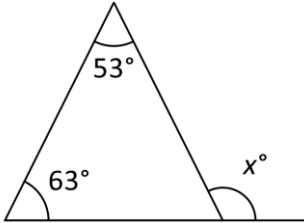
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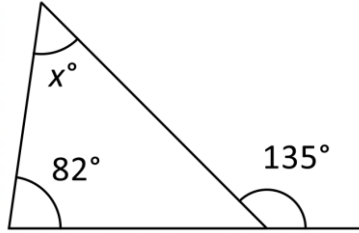
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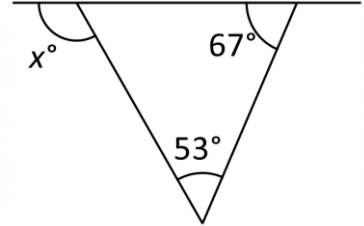
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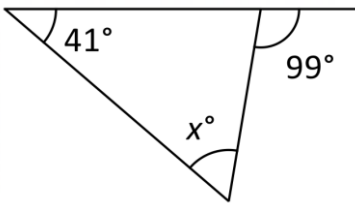
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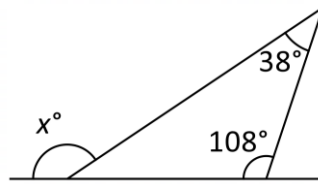
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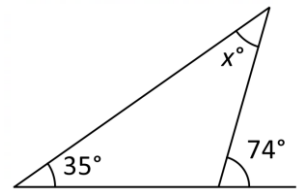
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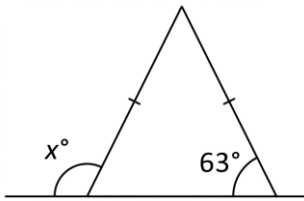


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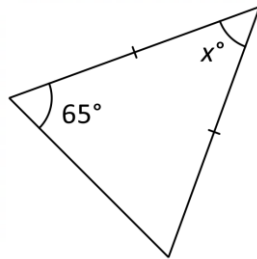


TASK 4 Calculate x

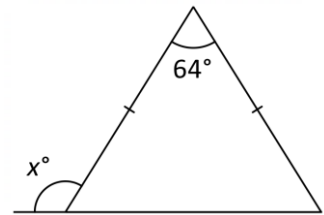
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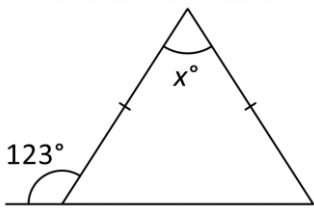
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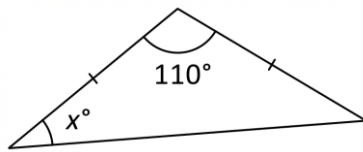
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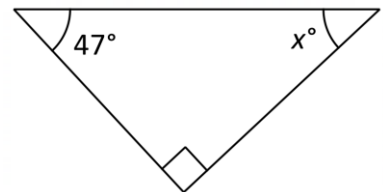
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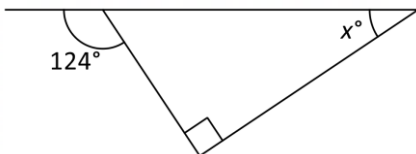
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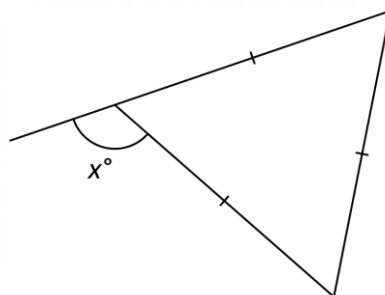
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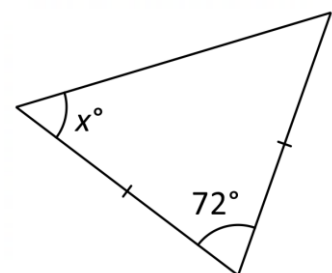
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QUICK COVER

Angles (2)

TASK 1

- 1 60°
- 2 30°
- 3 83°
- 4 85°
- 5 67°
- 6 51°
- 7 58°
- 8 54°
- 9 85°

TASK 2

- 1 54°
- 2 55°
- 3 37°
- 4 98°
- 5 94°
- 6 76°
- 7 59°
- 8 52°
- 9 100°

TASK 3

- 1 59°
- 2 83°
- 3 82°
- 4 116°
- 5 53°
- 6 120°
- 7 58°
- 8 146°
- 9 39°

TASK 4

- 1 117°
- 2 50°
- 3 122°
- 4 66°
- 5 35°
- 6 43°
- 7 34°
- 8 120°
- 9 54°