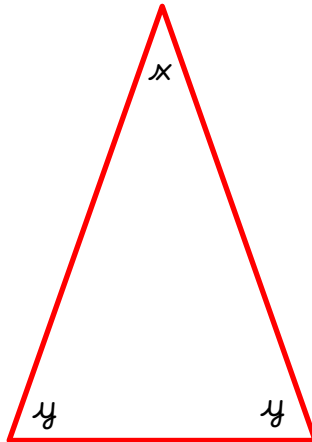


Angles in a triangle - Deepening understanding 1

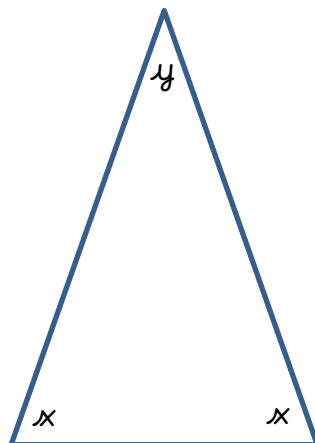
Write an algebraic formula for working out angle x in the following triangles. Then work out the value of x by substituting the given value into your formula.

1.



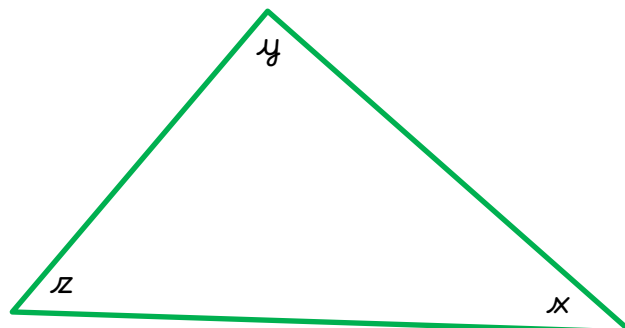
If $y = 54^\circ$ what is the value of x ?

2.



If $y = 26^\circ$ what is the value of x ?

3.



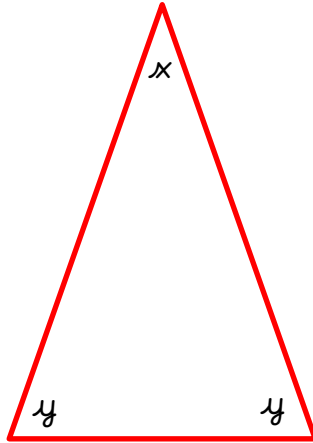
If $y = 93^\circ$ and $z = 46^\circ$ what is the value of x ?



Angles in a triangle - Deepening understanding 2

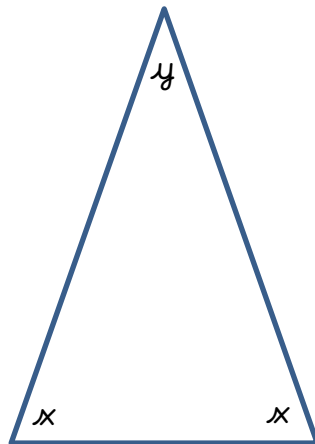
Write an algebraic formula for working out angle x in the following triangles. Then work out the value of x by substituting the given value into your formula.

1.



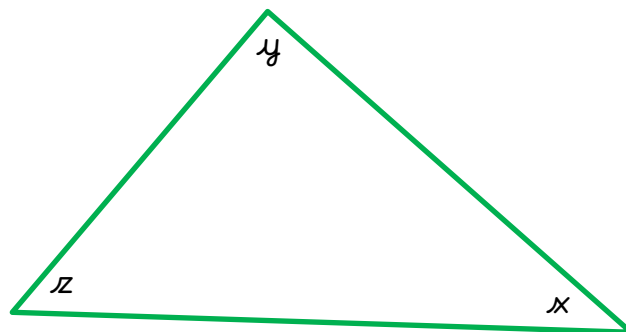
If $y = 54.4^\circ$ what is the value of x ?

2.



If $y = 26.8^\circ$ what is the value of x ?

3.



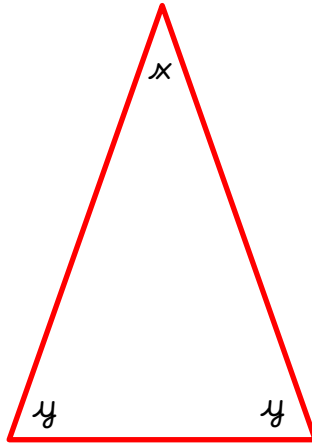
If $y = 93.6^\circ$ and $z = 46.3^\circ$ what is the value of x ?



Angles in a triangle - Deepening understanding 3

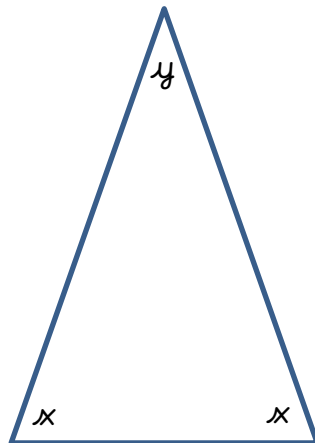
Write an algebraic formula for working out angle x in the following triangles. Then work out the value of x by substituting the given value into your formula.

1.



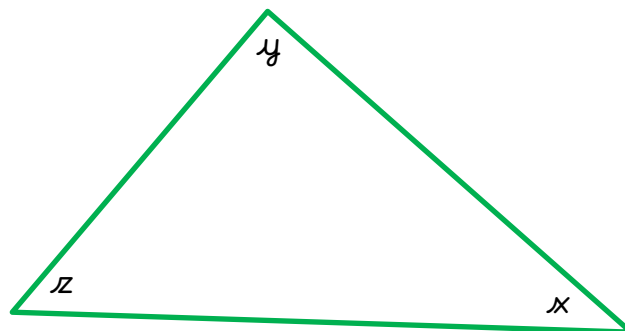
If $y = 54.12^\circ$ what is the value of x ?

2.



If $y = 26.74^\circ$ what is the value of x ?

3.



If $y = 93.02^\circ$ and $z = 46.3^\circ$ what is the value of x ?

