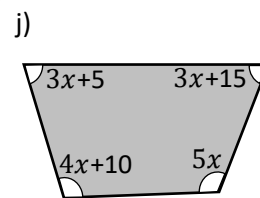
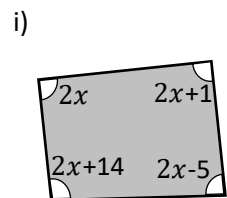
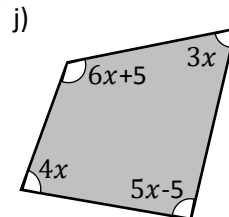
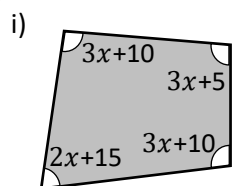
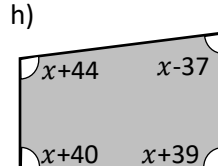
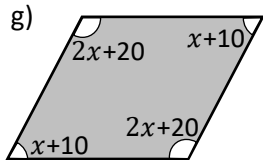
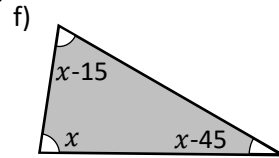
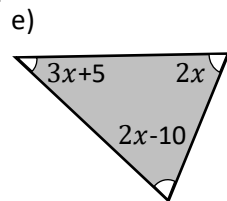
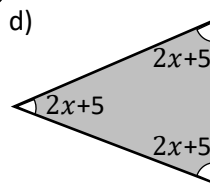
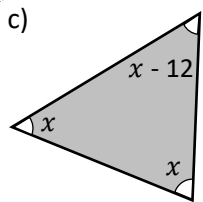
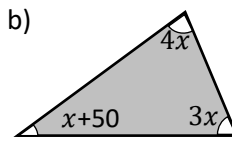
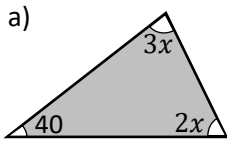




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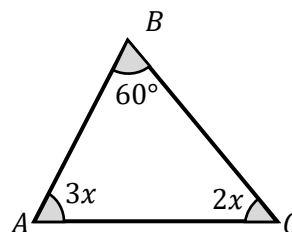


By forming an equation, calculate the value x :



Exam question:

ABC is a triangle.
 $\angle BAC = 3x$, $\angle BCA = 2x$ and $\angle ABC = 60^\circ$.
 Find the value of x .



Algebra (perimeter) in shapes

111b



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Write an algebraic expression for the perimeter of the following shapes:
Hence find the value of x for the given perimeters

a) Perimeter = 200cm

b) Perimeter = 110cm

c) Perimeter = 190cm

d) Perimeter = 385cm

e) Perimeter = 275cm

f) Perimeter = 115cm

g) Perimeter = 78cm

h) Perimeter = 40cm

i) Perimeter = 84cm

j) Perimeter = 88cm

i) Perimeter = 74cm

j) Perimeter = 230cm

Exam question:

ABC is a triangle.
The length of $AB = 3x+2$, $BC = 3x+5$ and $AC = 3x+4$
If the perimeter is 83cm, work out the value of x

