



West Byfleet Junior School
Problem of the Week - Week 15



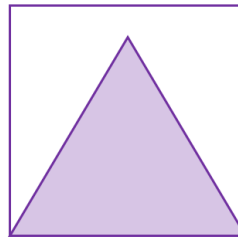
2 Points

Find the sum of the largest acute angle and the smallest obtuse angle in this list:

12° 98° 87° 179° 90° 5°

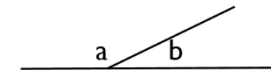
4 Points

Here is a square.
Inside the square is an equilateral triangle.
The perimeter of the square is 60 cm.
Find the perimeter of the triangle.



5 Points

Here are two angles.



Angle b is a prime number between 40 and 50

Use the clue to calculate what the missing angles could be.

Write all possible options.

Attempt to solve one or more of the problems and submit your solutions to Miss Eastland via email eeastland@west-byfleet-junior.surrey.sch.uk

Submit your solution on or **before Wednesday 24th March** for your points to be added to the leaderboard, if your answer(s) are correct.

The leaderboard, weekly problems and solutions can be found on the school website under: Pupils - Our Curriculum- Mathematical Development- Problem of the Week