West Byfleet Junior School

Problem of the Week - Week 15
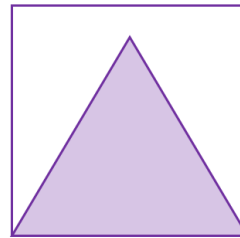
2 Points

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

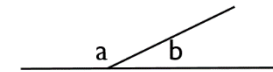| 12°	98°	87°	179°	90°	5°

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.

Submit your solution on or **before Wednesday 21st February** 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