





1)	Αίν <b>α)</b>	Vays, sometimes or never true? Prove it! When this triangle is doubled in size, the interior angles also double in size.
	b)	A triangle can have two obtuse interior angles.
	c)	A triangle can have two acute interior angles.
2)	The den Tay	e teacher has torn the corners off a triangle to nonstrate that they all add up to 180 degrees.
	the	corners but does not know which of the corners are his. $100^{\circ}$ $80^{\circ}$ $70^{\circ}$ $30^{\circ}$ $10^{\circ}$ $30^{\circ}$ $10^{\circ}$ rese children are trying to work out which three of the pieces could have come from Tayo's triangle. Plain whether you agree or disagree with each child's statement, giving reasons.
	Mon	I think that any three of these pieces could have been from Tayo's triangle. I disagree. I think that the pieces that measure 100°, 70° and 10° are the only three pieces that could have come from Tayo's triangle.
		Impotant note: angles not drawn to scale, do not use a protractor.









