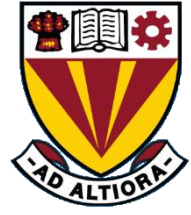
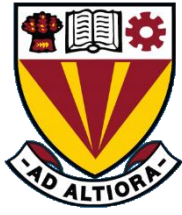


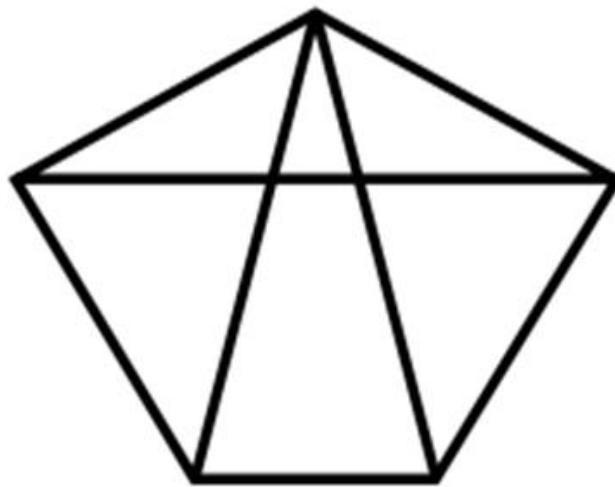
Maths Challenge

Mon 17th April - Fri 28th April

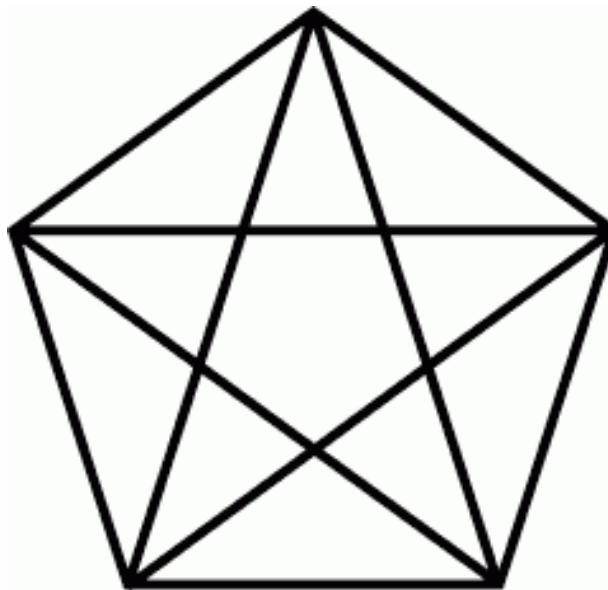


The Perplexing Pentagons

How many triangles are there in this partially-connected pentagon?




Even more interesting: How many triangles are there in this fully-connected pentagon?




Solution to Shape Shambles

















The shapes stand for:

 \equiv 8

 \equiv 5

 \equiv 6

Giving totals of:

				<input type="text" value="27"/>
				<input type="text" value="25"/>
				<input type="text" value="20"/>
				<input type="text" value="28"/>
<input type="text" value="27"/>	<input type="text" value="22"/>	<input type="text" value="25"/>	<input type="text" value="26"/>	

I accepted answers which gave either the totals or the values for each symbol!