

94-95 Individual	1	1111111	2	$\frac{2}{3}$	3	0, 2	4	$\frac{11}{450}$	5	$-\frac{4}{3}$
	6	5	7	1	8	7	9	$\frac{1}{6}$	10	12

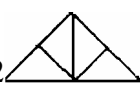
94-95 Group	1	1	2	132	3	$\frac{45}{2}$	4	45	5	24
	6	5130	7	$2\sqrt{3} - 3$	8	8	9	124	10	$\frac{2}{3}$

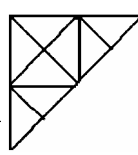
Group

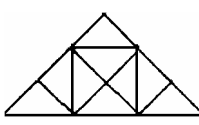
9. In the figure, find the total number of triangles in the 3×3 square.

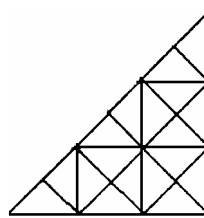
There are 36 smallest triangles with length = 1 

There are 36 triangles with length = $\sqrt{2}$ 

There are 24 triangles with length = 2 

There are 16 triangles with length = $2\sqrt{2}$ 

There are 8 triangles with length = 3 

There are 4 triangles with length = $3\sqrt{2}$ 

Altogether 124 triangles.

