Stair Railing: A stair railing is designed as shown in the figure.

Use the angles identified in the figure to name two pairs of the indicated type of angle pair.

25. Complementary an	ngles <u>∠ & ∠</u>	<u> </u>	
26. Supplementary and	gles <u>∠ &∠</u>	∠ & ∠	
28. Vertical angles	<u> </u>	∠ &∠	8 6
29. Linear pair	<u> </u>	∠ &∠	
30. Adjacent angles	∠ &∠	<u> </u>	landa energian anticipation anticon de la construction de la construction de la construction de la construction La construction de la construction d La construction de la construction d

Using the diagram, tell whether the angles are vertical angles, a linear pair, or neither.

31∠1 and ∠	2 32	$_$ $\angle 1$ and $\angle 3$	1\2	
33 $\angle 2$ and \angle	4 34	$_$ $\angle 4$ and $\angle 5$	5/4 3	
35 $\angle 6$ and \angle	8 36	$\angle 8 \text{ and } \angle 9$	6/7 10 11	
37∠11 and .	∠10 38	$_$ ∠10 and ∠7		<u>.</u>

39. Construct a 143° angle.

40. Construct a 50°,60°,70° triangle.