

Name : _____

Score : _____

Teacher : _____

Date : _____

Parallel and Perpendicular Lines

From the given slopes of the lines, identify whether the two lines are parallel, perpendicular, or neither.

	Slope of Line 1	Slope of Line 2	Answer
1)	7	-7	
2)	$\frac{7}{11}$	$\frac{7}{11}$	
3)	$\frac{4}{7}$	$-\frac{7}{4}$	
4)	9	$-\frac{1}{9}$	
5)	$\frac{6}{7}$	$-\frac{6}{7}$	
6)	$\frac{3}{10}$	$\frac{10}{3}$	
7)	11	$\frac{1}{11}$	
8)	11	$\frac{1}{11}$	
9)	$\frac{7}{11}$	$\frac{7}{11}$	
10)	6	6	



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1)	7	- 7	Neither
2)	$\frac{7}{11}$	$\frac{7}{11}$	Parallel
3)	$\frac{4}{7}$	$-\frac{7}{4}$	Perpendicular
4)	9	$-\frac{1}{9}$	Perpendicular
5)	$\frac{6}{7}$	$-\frac{6}{7}$	Neither
6)	$\frac{3}{10}$	$\frac{10}{3}$	Neither
7)	11	$\frac{1}{11}$	Neither
8)	11	$\frac{1}{11}$	Neither
9)	$\frac{7}{11}$	$\frac{7}{11}$	Parallel
10)	6	6	Parallel

