

Name : _____

Score : _____

Teacher : _____

Date : _____

Slopes of Parallel and Perpendicular Lines

For the given slope, find the slope of any parallel and perpendicular line to it.

	Slope of a Line	Slope of Any Parallel Line	Slope of Any Perpendicular Line
1)	$\frac{3}{7}$		
2)	$\frac{5}{9}$		
3)	7		
4)	$\frac{10}{11}$		
5)	$\frac{7}{9}$		
6)	$\frac{4}{11}$		
7)	11		
8)	9		
9)	$\frac{11}{12}$		
10)	$\frac{4}{7}$		



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For the given slope, find the slope of any parallel and perpendicular line to it.

	Slope of a Line	Slope of Any Parallel Line	Slope of Any Perpendicular Line
1)	$\frac{3}{7}$	$\frac{3}{7}$	$-\frac{7}{3}$
2)	$\frac{5}{9}$	$\frac{5}{9}$	$-\frac{9}{5}$
3)	7	7	$-\frac{1}{7}$
4)	$\frac{10}{11}$	$\frac{10}{11}$	$-\frac{11}{10}$
5)	$\frac{7}{9}$	$\frac{7}{9}$	$-\frac{9}{7}$
6)	$\frac{4}{11}$	$\frac{4}{11}$	$-\frac{11}{4}$
7)	11	11	$-\frac{1}{11}$
8)	9	9	$-\frac{1}{9}$
9)	$\frac{11}{12}$	$\frac{11}{12}$	$-\frac{12}{11}$
10)	$\frac{4}{7}$	$\frac{4}{7}$	$-\frac{7}{4}$

