

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)	9		
2)	3		
3)	$\frac{3}{4}$		
4)	3		
5)	3		
6)	$\frac{10}{11}$		
7)	$\frac{3}{10}$		
8)	6		
9)	10		
10)	$\frac{7}{10}$		

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