

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)	$\frac{5}{8}$		
2)	$\frac{7}{10}$		
3)	$\frac{3}{7}$		
4)	$\frac{4}{9}$		
5)	11		
6)	12		
7)	10		
8)	11		
9)	10		
10)	$\frac{3}{4}$		



Name : Answer Key

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

