

# Parallel and Perpendicular Lines

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

Slope of line I	Slope of line II	Line I and II are parallel, perpendicular, or neither
3	3	
$\frac{7}{2}$	$-\frac{2}{7}$	
4	$\frac{1}{4}$	
$\frac{2}{3}$	$-\frac{3}{2}$	
$-\frac{1}{5}$	$\frac{1}{5}$	
-7	-7	
1	-1	
$\frac{3}{5}$	$\frac{3}{5}$	
$-\frac{6}{11}$	$\frac{11}{6}$	
2	2	