

Student Name: _____

Score: _____

Lines - Parallel or Perpendicular or Neither

From the given slopes of lines, identify whether the lines are parallel/
perpendicular/ neither:

Slope of line I	Slope of line II	Line I and II are parallel /perpendicular/ 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	

Student Name: _____

Score: _____

Answers

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