

Name : _____

Score : _____

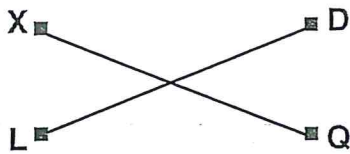
Teacher : _____

Date : _____

Parallel Lines

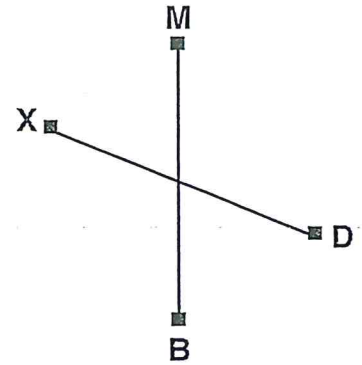
State whether the given pair of lines are parallel.

1)



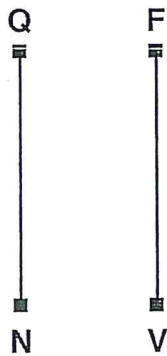
Answer: _____

4)



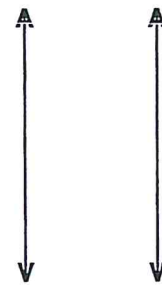
Answer: _____

2)



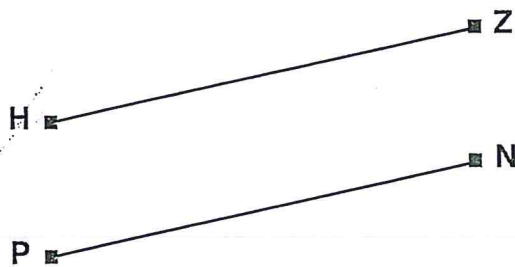
Answer: _____

5)



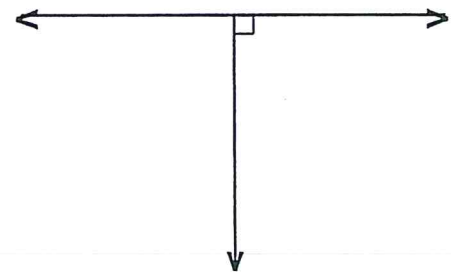
Answer: _____

3)



Answer: _____

6)



Answer: _____

Name : _____

Score : _____

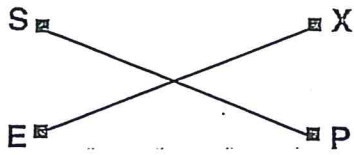
Teacher : _____

Date : _____

Perpendicular Lines

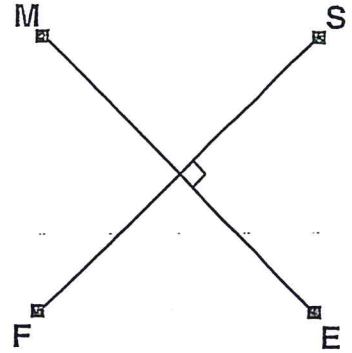
State whether the given pair of lines are perpendicular.

1)



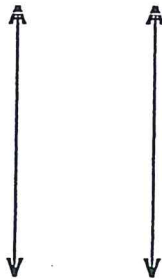
Answer: _____

4)



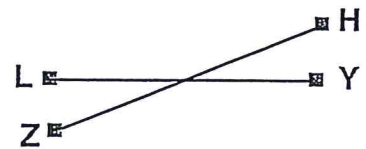
Answer: _____

2)



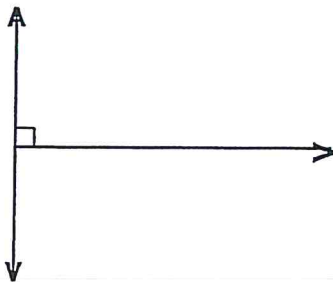
Answer: _____

5)



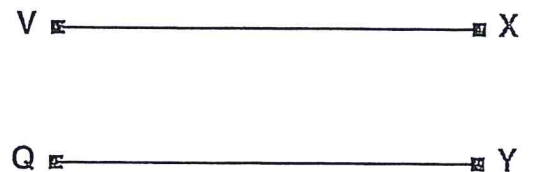
Answer: _____

3)



Answer: _____

6)



Answer: _____

Homework

Write a parallel equation using
-7 for b.

① $y = -\frac{4}{5}x + 2$ ② $y = \frac{2}{3}x - 5$

③ $y = 5x + 1$ ④ $y = -x + 3$

Write a perpendicular equation
using 4 for b.

⑤ $y = -3x + 8$ ⑥ $y = \frac{3}{4}x$

Name : _____ Score : _____

Teacher : _____ Date : _____

Parallel and Perpendicular Lines

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

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