

Math Sheet

Name _____ Score _____ Teacher _____ Date _____

Parallel and Perpendicular Slopes

Give the slope of a parallel line and the slope of a perpendicular line for each given slope.

1. Given slope: 1

Given: 1

Parallel slope: _____ Perpendicular slope: _____

2. Given slope: $\frac{3}{10}$

Given: $\frac{3}{10}$

Parallel slope: _____ Perpendicular slope: _____

3. Given slope: $-\frac{11}{9}$

Given: $-\frac{11}{9}$

Parallel slope: _____ Perpendicular slope: _____

4. Given slope: $-\frac{11}{2}$

Given: $-\frac{11}{2}$

Parallel slope: _____ Perpendicular slope: _____

5. Given slope: $-\frac{11}{4}$

Given: $-\frac{11}{4}$

Parallel slope: _____ Perpendicular slope: _____

6. Given slope: -9

Given: -9

Parallel slope: _____ Perpendicular slope: _____

7. Given slope: $-\frac{5}{11}$

Given: $-\frac{5}{11}$

Parallel slope: _____ Perpendicular slope: _____

8. Given slope: $-\frac{11}{5}$

Given: $-\frac{11}{5}$

Parallel slope: _____ Perpendicular slope: _____

9. Given slope: 0

Given: 0

Parallel slope: _____ Perpendicular slope: _____

10. Given slope: undefined

Given: undefined

Parallel slope: _____ Perpendicular slope: _____