Name : _____

Parallel and Perpendicular Lines

1) If the lines y = −2x − 4 and y = tx + 9 are perpendicular, find the value of t.

   t = _____

2) The lines *p* and *q* are parallel whose equations are y = mx + 5 and 0 = −x − y + 6 respectively. Find the value of m.

   m = _____

3) Equation of a line _____ + 14 = 0 . The lines *g* and *h* are perpendic_____

   u = _____

4) The line 5y + 3x = _____lue of k.

   k = _____

5) The lines 6y = gx + 6 and y = −3x + 8 are perpendicular. Find the value of g.

   g = _____