Non-Linear Simultaneous Equations

Solve the following simultaneous equations. Give your answers to 1 decimal place if the answer is not an integer:

1. $y = x^2 - 5$
   $y = x + 6$
   Answer:(,) or (,)

2. $x^2 + y^2 = 34$
   $y = x + 2$
   Answer:(,) or (,)

3. $9x^2 + y^2 = 18$
   $x = y - 4$
   Answer:(,) or (,)

4. $y = 3x^2 - 8x + 6$
   $x + y = 2$
   Answer:(,)

5. $y = 3x + 5$
   $y = x^2 + 7x$
   Answer:(,) or (,)

6. $2x^2 + y^2 = 1$
   $x + 2y = 1$
   Answer:(,) or (,)

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