Non-Linear Simultaneous Equations

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

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

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

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

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

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

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

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