

Math C

12.1 Circles part 3

State the domain & range of a circle given in general form.

1. $x^2 + y^2 - 8x + 14y + 29 = 0$

2. $x^2 + y^2 + 10x - 12y + 40 = 0$

3. $x^2 + y^2 - 16x - 14y + 105 = 0$

4. $x^2 + y^2 + 10x + 2y + 8 = 0$

5. $3x^2 + 3y^2 + 42y = -39$

6. $2x^2 + 2y^2 + 2x - 2y = 7$