

Math C

12.1 Circles part 4

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

1. $x^2 + y^2 + 2x + 2y + 1 = 0$

2. $x^2 + y^2 + 8x + 4y + 5 = 0$

3. $x^2 + y^2 - 2x + 6y = 0$

4. $x^2 + y^2 + 4x - 12y + 10 = 0$

5. $4x^2 + 4y^2 + 48x = 640$

6. $9x^2 + 9y^2 - 6x + 6y = 52$