

Math C

12.1 Circles part 2

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

1. $x^2 + y^2 + 12x - 2y + 12 = 0$

2. $x^2 + y^2 - 10x - 12y + 45 = 0$

3. $x^2 + y^2 + 14x + 6y + 46 = 0$

4. $x^2 + y^2 - 16x - 8y + 60 = 0$

5. $2x^2 + 2y^2 + 12x - 16y = -18$

6. $3x^2 + 3y^2 - 6x + 48y = 168$