

Math C

12.1 Circles part 2 - KEY

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

1. Domain: $[-11, -1]$
Range: $[-4, 6]$

2. Domain: $[1, 9]$
Range: $[2, 10]$

3. Domain: $[-7 - 2\sqrt{3}, -7 + 2\sqrt{3}]$
Range: $[-3 - 2\sqrt{3}, -3 + 2\sqrt{3}]$

4. Domain: $[8 - 2\sqrt{5}, 8 + 2\sqrt{5}]$
Range: $[4 - 2\sqrt{5}, 4 + 2\sqrt{5}]$

5. Domain: $[-7, 1]$
Range: $[0, 8]$

6. Domain: $[-10, 12]$
Range: $[-19, 3]$