

CONICS LESSON I

PART II - CIRCLES

Answers:

1. $(x - 3)^2 + (y - 4)^2 = 9$

Domain: $0 \leq x \leq 6$

Range: $1 \leq y \leq 7$

2. $(x + 2)^2 + y^2 = 49$

Domain: $-9 \leq x \leq 5$

Range: $-7 \leq y \leq 7$

3. $x^2 + (y + 5)^2 = 36$

Domain: $-6 \leq x \leq 6$

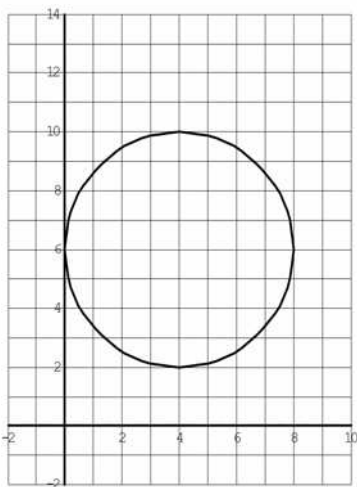
Range: $-11 \leq y \leq 1$

4. $(x - 5)^2 + (y + 2)^2 = 16$

Domain: $1 \leq x \leq 9$

Range: $-6 \leq y \leq 2$

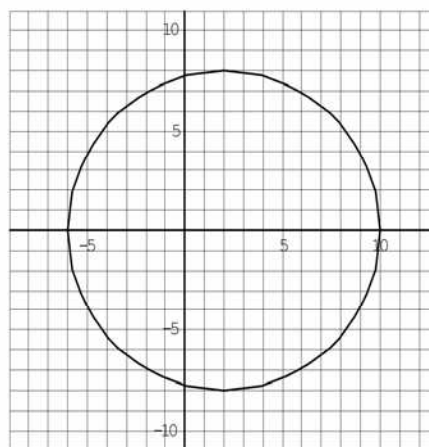
5.



Domain:
 $0 \leq x \leq 8$

Range:
 $2 \leq y \leq 10$

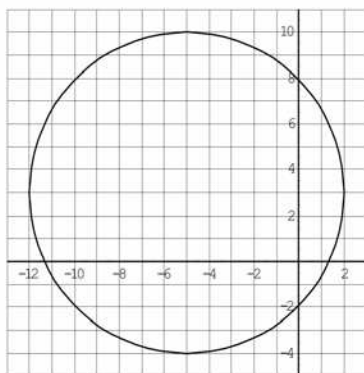
6.



Domain:
 $-6 \leq x \leq 10$

Range:
 $-8 \leq y \leq 8$

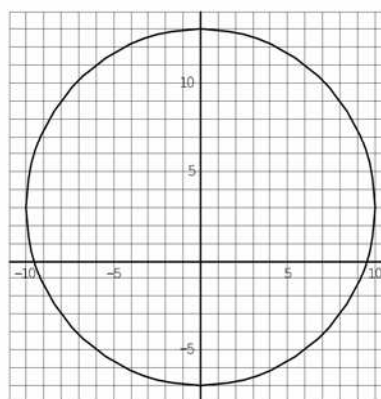
7.



Domain:
 $-12 \leq x \leq 2$

Range:
 $-4 \leq y \leq 10$

8.



Domain:
 $-10 \leq x \leq 10$

Range:
 $-7 \leq y \leq 13$