

Circles

Date _____ Period _____

Use the information provided to write the standard form equation of each circle.

1) Center: $(15, 10)$
Radius: 2

2) Center: $(-11, -2)$
Radius: 6

3) Center: $(-4, 12)$
Radius: 7

4) Center: $(-15, 4)$
Radius: 2

5) Center: $(-9, 15)$
Radius: 3

6) Center: $(7, -2)$
Radius: $\sqrt{65}$

7) Center: $(6, -1)$
Radius: 11

8) Center: $(6, -7)$
Radius: 9

9) Center: $(9, 13)$
Radius: 4

10) Center: $\left(\sqrt{214}, -\frac{19}{2}\right)$
Radius: 2