

Name: _____

Chapter 9 Review - Solving

Solve with any method. Be prepared to justify your choice of method.

1. $5x^2 + 17x = 12$	2. $-2 = 6x^2 + 11x$
3. $-100 = -25x^2$	4. $x^2 + 16x + 36 = 0$
5. $x^2 + 144 = 0$	6. $5x = x^2$

7. How many real solutions does the equation below have?

$$y = -8x^2 - 11x - 8$$