Math 4 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1-4 Solving Equations by Chunking Practice** Date\_\_\_\_\_

Use algebraic reasoning to solve the following equations for the given variable. Show all work.

Use your calculator ONLY for equations involving *e* and *natural log*.

For the trigonometric equations, find solutions 

1. *x*6 + 7*x*3 = 8 2. 

3.  4. 

5.  6. n10 – 5n6 + 4n2 = 0

7.  8. *x*3 + 2*x*2 – *x* – 2 = 0

9.  10. 

11.  12. 