

# Homework

p. 357: 32-38 (evens), 39  
(find both real and  
imaginary solutions)

**SOLVING EQUATIONS** Find the real-number solutions of the equation.

**AND imaginary solutions, if possible**

**32.**  $y^3 - 5y^2 = 0$

**34.**  $g^3 + 3g^2 - g - 3 = 0$

**36.**  $4w^4 + 40w^2 - 44 = 0$

**38.**  $5b^3 + 15b^2 + 12b = -36$

**39.**  $x^6 - 4x^4 - 9x^2 + 36 = 0$