

ACMAT100 Spring 2023
Professor Manguba-Glover
Classwork 15

Name: _____

(1) Solve the following equations:

(a) $(x + 5)(x - 3) = 0$

(b) $(x - 1)(3x + 2) = 4x$

(c) $x^3 - 3x^2 = 18x$

(d) $18x - 9 = 2x^3 - x^2$

(2) Solve the following equations:

(a) $6x^2 + x - 35 = 0$

(b) $3x^2 + 2x + 12 = -13x$

(c) $x^2 = 2x + 15$

(d) $2x^2 + 14x + 20 = 0$