

*Please let me know if you find any typos or errors in the answers below.*

Section 2.6:

2,  $5/7$

4,  $-(2x)/(3y^2)$

8,  $(2x - y)/(2 + x)$

10,  $(2x - 3x^2)/(-1 + 2y)$

12,  $(5 - 2xy^3)/(2 + 3x^2y^2)$

14,  $-y^2/x^2$

18,  $(8x - 3y)/(3x + 2y)$

22,  $(2 - 12y^2(1 + 3xy^2)^3)/(3 + 24xy(1 + 3xy^2)^3)$

26,  $y^2/x^2, 4$

28,  $-(2(-3 - y + xy^3))/(-1 - 2x + 3x^2y^2), -4$

38,  $-2y(x + y)/(x + 2y)^3$