

MTH 28 LECTURE NOTES (Ojakian)

Topic 11: Add and Subtract Rational Expressions

OUTLINE

References: 7.2

1. Rational Expressions

PROBLEM 1. (*Adding and Subtracting*)

(a) $\frac{1}{2} + \frac{2}{3}$

(b) $\frac{10x^3y^2}{3z^2w^4} + \frac{15xy}{12z^4w}$

(c) $\frac{7(d+5)^6}{6(a-2)^3(b+2)^5} + \frac{14(c-2)^5}{3(a-2)^4(b+2)}$

(d) $\frac{2x}{x^2-4} - \frac{5x}{x^2+7x+10}$