

MTH 28.5 LECTURE NOTES (Ojakian)

Topic 24: Add and Subtract Rational Expressions

OUTLINE

References: 7.2

1. Rational Expressions

PROBLEM 1. (*Adding and Subtracting*)

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

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

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

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