

WARM UP

LESSON 9-1: MULTIPLYING AND DIVIDING RATIONAL EXPRESSIONS

1) Match the following polynomials with its factored form:

$$45 (y^8 + 30y^5)$$

$$-3x(2y - 3)(y - 2)$$

$$9x^2 - 1$$

$$(2x + 3)^2$$

$$4x^2 + 12x + 9$$

$$4(x - 1)(x + 4)$$

$$4x^2 + 12x - 16$$

$$(3x + 1)(3x - 1)$$

$$-6xy^2 + 21xy - 18x$$

$$45y^5 (y^3 + 30)$$