

Monday: 9.28.15

Factor.

$$\underbrace{6x^3 + 3x^2 - 4x - 2}$$

$$3x^2(2x+1) - 2(2x+1)$$

$$(2x+1)(3x^2-2)$$

$$\underbrace{45m^4 - 9m^3 + 30m^2 - 6m}$$

$$9m^3(5m-1) + 6m(5m-1)$$

$$(5m-1)(9m^3+6m)$$

$$(5m-1) \cdot 3m(3m^2+2)$$

$$\boxed{3m(3m^2+2)(5m-1)}$$