

November 1, 2017

$$(-5x-2)^5 = \cancel{(-5x-2)} \cancel{(-5x-2)} \cancel{(-5x-2)} \cancel{(-5x-2)} \cancel{(-5x-2)}$$

$$(25x^2 + 20x + 4)(-5x-2)$$

$$-125x^3 - 50x^2 - 100x^2 - 40x - 20x - 8$$

$$(-125x^3 - 150x^2 - 60x - 8)(-5x-2)$$

$$625x^4 + 250x^3 + 750x^2 + 300x^2 + 300x^2 + 120x + 40x + 16$$

$$(625x^4 + 1000x^3 + 600x^2 + 160x + 16)(-5x-2)$$

$$-3125x^5 - 1250x^4 - 5000x^4 - 2000x^3$$

$$-3000x^3 - 1200x^2 - 800x^2 - 320x$$

$$-80x - 32$$

$$-3125x^5 - 6250x^4 - 5000x^3 - 2000x^2$$

$$-400x - 32$$

Nov 1-9:51 AM

$$(2x^2)^{-4} = \frac{1}{(2x^2)^4}$$

$$= \frac{1}{16x^8}$$

Nov 1-10:14 AM

$$\frac{D^{-1}}{4D^4} = \frac{1}{4 \boxed{D^4 \cdot D}} = \frac{1}{4D^5}$$

Nov 1-10:20 AM

Exam #2 - Next Week on Friday

60/40 {

- III A-D, IV A-D,
- V A-?
- E I

Nov 1-10:22 AM

Chapter 6 - Factoring

* Greatest Common Factor (GCF)

22 4 86

② · 11 ② · 43

22 = ② · 11

86 = ② · 43

} GCF: 2

Nov 1-10:45 AM