

**Warm-up: 2/26/18**

- 1) Get a calculator
- 2) Pick up two handouts
- 3) Get out HW

looks like →

$$5. \frac{96n^3}{2} - \frac{84n^2}{2} + \frac{112n}{2} - \frac{98}{2}$$

$$2 \left( \frac{48n^3}{6n^2} - \frac{42n^2}{6n^2} + 56n - 49 \right)$$

$$6n^2(8n-7) + 7(8n-7)$$

$$2(8n-7)(6n^2+7)$$

$$5. \frac{96n^3}{2} - \frac{84n^2}{2} + \frac{112n}{2} - \frac{98}{2}$$

$$2((48n^3 - 42n^2) + (56n - 49))$$

$$6n^2(8n-7) + 7(8n-7)$$

$$2(8n-7)(6n^2+7)$$

$$7.(24p^3 + 15p^2)(-56p - 35)$$

$$3p^2(\underline{8p + 5}) - 7(\underline{8p + 5})$$

$$(8p + 5)(3p^2 - 7)$$

$$10. (4x^2 - 10x) + (6x - 15)$$

$$2x(2x - 5) + 3(2x - 5)$$

$$(2x - 5)(2x + 3)$$

$$12. \quad 40x^2 - 100x + 30x - 75$$

$$5(8x^2 - 20x)(+6x - 15)$$

$$4x(2x - 5) + 3(2x - 5)$$

$$5(2x - 5)(4x + 3)$$

$$12. (40x^2 - 100x)(+30x - 75)$$

$$20x(\underline{2x-5}) + 15(\underline{2x-5})$$

$$(2x-5)(20x+15)$$

$$5(2x-5)(4x+3)$$