

Bathroom breaks are to be
taken before class!!

Do **NOT** move the desk!!

Turn your phone **OFF**!!

Put your phone up!!

Sit down!! Be quiet!!

Prepare to work!!

Keep your hands to yourself!!

Operation with Monomials

Pg 20

$$2) (3m)^4 (-8m)^2 + (5m^5)(3m)$$

$$(\underline{81m^4})(\underline{64m^2}) + (\underline{5m^5})(\underline{3m})$$

$$\underline{5184} \underline{m^6} + \underline{15} \underline{m^6}$$

$$5199 m^6$$

$$7) (3xy)^2 (4x^3y^3) + 6(xy)^4 (5xy)$$

$$(\underline{9x^2y^2}) (\underline{4x^3y^3}) + \underline{6} (\underline{x^4y^4}) (\underline{5xy})$$

$$\underline{36x^5y^5}$$

$$+ \underline{30x^5y^5}$$

$$66x^5y^5$$

$$11) (6x)^2 (4xy)^5 + (9x^2)(2xy)^5$$
$$(\underline{36x^2})(\underline{1024x^5y^5}) + (\underline{9x^2})(\underline{32x^3y^5})$$

$$\underline{36864x^7y^5} + \underline{288x^5y^5}$$

$$37152x^7y^5$$

$$15) (7x^2)(4xy)^3 - (3x^2y)^2(5xy)$$

$$\underline{(7x^2)} (\underline{64x^3y^3}) - \underline{(9x^4y^2)} (\underline{5xy})$$

$$\underline{448x^5y^3} - \underline{45x^5y^3}$$

$$403x^5y^3$$

$$19) (5x^3yz^2)(2xy)^2 - (xy)^3(2xz)^2$$

$$\underline{5x^3yz^2} (\underline{9x^2y^2}) - \underline{(x^3y^3)} (\underline{4x^2z^2})$$

$$\underline{45x^5y^3z^2} - \underline{4x^5y^3z^2}$$

$$41x^5y^3z^2$$

$$23) (-3xy)^2(4xy)^3 - (-6xy)^2(xy)^3$$
$$\underline{(9x^2y^2)} \underline{(64x^3y^3)} - \underline{(36x^2y^2)} \underline{(x^3y^3)}$$

$$\underline{576x^5y^5} - \underline{36x^5y^5}$$

$$540x^5y^5$$