

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

$$2) \frac{(3m)^4 (-8m)^2}{(81m^4)(64m^2)} + \frac{(5m^5)(3m)}{(5m^5)(3m)}$$

$$5184 m^6 + 15 m^6$$

$$5199 m^6$$

$$\begin{aligned}
 & 7) \frac{(3xy)^2 (4x^3y^3)}{(9x^2y^2) (4x^3y^3)} + \frac{6(xy)^4 (5xy)}{6(x^4y^4) (5xy)} \\
 & \frac{36x^5y^5}{36x^5y^5} + \frac{30x^5y^5}{30x^5y^5}
 \end{aligned}$$

$$66x^5y^5$$

$$11) \frac{(6x)^2 (4xy)^5 + (9x^2)(2xy)^5}{(26x^2)(1024x^5y^5) + (9x^2)(32x^5y^5)}$$

$$26864x^7y^5 + 288x^7y^5$$

$$37152x^7y^5$$

$$15) (7x^2)(4xy)^3 - \frac{(3x^2y)^2(5xy)}{}$$

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

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

$$403x^5y^3$$

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

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

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

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

$$23) (-3xy)^2(4xy)^3 - (-6xy)^2(xy)^3$$

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

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

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

$$540x^5y^5$$