

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!!**

## Powers of Monomials

Pg 17

$$3) (x^3)^2$$

$$(x^3)(x^3)$$

$$x \cdot x \cdot x \cdot x \cdot x \cdot x$$

$$x^6$$

$$5) (u^7)^{10}$$

$$u^{70}$$

$$7) (2x^2)^3$$

$$(2)^3 x^6$$

$$\underline{2 \cdot 2 \cdot 2}$$

$$8x^6$$

$$9) (-3x^2)^2 \quad 11) \left(\frac{1}{2}x^4\right)^2 \quad 13) (0.2x^3)^3$$
$$(-3)^2 x^4 \quad \left(\frac{1}{2}\right)^2 x^8 \quad (0.2)^3 x^9$$
$$9x^4 \quad \frac{1}{4}x^8 \quad 0.008x^9$$

$$15) 2(3a^2)^3$$
$$\frac{(2)(3)^3 a^6}{54 a^6}$$

$$17) \frac{1}{2}(4x^3)^2$$
$$\frac{(\frac{1}{2})(4)^2 x^6}{8x^6}$$

$$19) 0.1(10x^2)^3$$
$$\frac{0.1(10)^3 x^6}{100 x^6}$$











