

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

$$3) (c^4)^2$$

$$c^8$$

$$5) (m^5)^5$$

$$m^{25}$$

$$7) (3a^2)^4$$

$$(3)^4 a^8$$

$$81a^8$$

$$9) \frac{(-5a^3)^2}{25a}$$

$$11) \left(\frac{1}{4} C^3\right)^3$$

$$\left(\frac{1}{4}\right)^3 C^9$$

$$\frac{1}{64} C^9$$

$$13) (0.4x^3)^2$$

$$(0.4)^2 x^6$$

$$0.16x^6$$

$$15) 5(2x^3)^4$$

$$5(2)^3 x^{12}$$

$$40x^{12}$$

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

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

$$72 x^6$$

$$\begin{aligned} 19) \quad & 0.2(10a^2)^3 \\ & 0.2(10)^3 a^6 \\ & 200 a^6 \end{aligned}$$

$$21) (-a^3)^4$$
$$a^{12}$$

$$23) (-2a^4)^5$$

$$-(2)^5 a^{30}$$

$$-32a^{30}$$

$$25) (x^p)^q$$

$$x^{pq}$$

$$21) (2m^x)^4$$

$$(2)^4 m^{4x}$$

$$16 m^{4x}$$

$$29) (a^3)^3 (2a^5)^2$$
$$(a^9) / (4a^{2s})$$
$$4 / a^{3a+2s}$$

$$\begin{aligned} & 21) (t^3)^c (t^{2c})^3 \\ & (t^{3c}) (t^{6c}) \\ & t^{9c} \end{aligned}$$

$$\begin{aligned} 33) & (3a^y)^2 (a^{3y}) \\ & (9a^{2y})(a^{3y}) \\ & 9a^{5y} \end{aligned}$$