

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!!

$$32) \quad -4(2x + 11) = 92$$

$$\begin{array}{r} -8x - 44 = 92 \\ +44 \quad +44 \\ \hline \end{array}$$

$$\frac{-8x}{-8} = \frac{136}{-8}$$

$$x = -17$$

$$33) \quad 6(3x + 11) = 30$$

$$\begin{array}{r} 18x + 66 = 30 \\ -66 \quad -66 \\ \hline \end{array}$$

$$\frac{18x}{18} = \frac{-36}{18}$$

$$x = -2$$

$$31) 8(3x - 5) + 20 = -60$$

$$24x - 40 + 20 = -60$$

$$\begin{array}{r} 24x - 20 = -60 \\ +20 \quad +20 \end{array}$$

$$\frac{24x}{24} = \frac{-40}{24}$$

$$x = -2$$

$$32) 5x - 4(2x + 11) = 13$$

$$5x - 8x - 44 = 13$$

$$\begin{array}{r} -3x - 44 = 13 \\ +44 \quad +44 \end{array}$$

$$\frac{-3x}{-3} = \frac{57}{-3}$$

$$x = -19$$

$$36) \quad 9z = 5z + 16$$

$$\begin{array}{r} -5z \quad -5z \\ \hline \end{array}$$

$$\frac{4z}{4} = \frac{16}{4}$$

$$z = 4$$

$$37) \quad 15 - (2x + 7) = 14$$

$$15 - 2x - 7 = 14$$

$$8 - 2x = 14$$

$$\begin{array}{r} -8 \quad -8 \\ \hline \end{array}$$

$$\frac{-2x}{-2} = \frac{6}{-2}$$

$$x = -3$$

$$30) 6(7-u) + u = 36 + u$$

$$42 - 6u + u = 36 + u$$

$$42 - 5u = 36 + u$$

$$\begin{array}{r} -42 \qquad \qquad -1/2 \\ \hline \end{array}$$

$$-5u = -6 + u$$

$$\begin{array}{r} -u \qquad \qquad -u \\ \hline \end{array}$$

$$\frac{-6u}{-6} = \frac{-6}{-6}$$

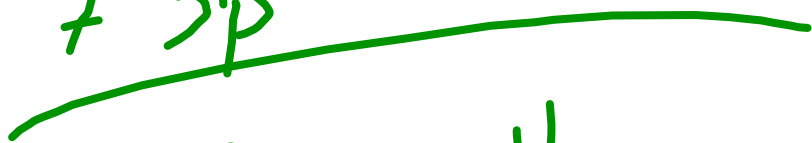
$$u = 1$$

$$29) 18p + p = 11 - 3p$$

$$19p = 11 - 3p$$

$$+ 3p$$

$$+ 3p$$



$$\frac{22p}{22} = \frac{11}{22}$$

$$p = \frac{11}{22} \text{ or } \frac{1}{2}$$

$$40) -7(4x + 2) = 5(2x + 1)$$

$$-28x - 14 = 10x + 5$$

$$-10x$$

$$-10x$$

$$-38x - 14 = 5$$

$$+14 \quad +14$$

$$-38x = 19$$

$$-38 \quad -38$$

$$x = -\frac{19}{38} \text{ or } -\frac{1}{2}$$

$$41) 2 a a a r r c$$

$$2 a^3 r^2 c$$

$$42) (x-y)(x-y)$$

$$(x-y)^2$$

$$45) 10^2 = 100$$

$$43) (m+n)^3$$

$$(m+n)(m+n)(m+n)$$

$$44) 2(r+t)^4$$

$$2(r+t)(r+t)(r+t)(r+t)$$

$$46) 5^3 = 125$$

$$47) (3\underline{x})^3 ; \underline{2}$$

$$(3 \cdot 2)^3$$

$$(6)^3$$

$$216$$

$$48) (x+1)^4 ; 2$$

$$(3+1)^4$$

$$(4)^4$$

$$256$$

$$49) \quad 7$$

$$\text{Deg} \Rightarrow 0$$

$$\text{Coef} \Rightarrow 7$$

$$50) \quad -8x^3y^2z$$

$$\text{Deg} \Rightarrow 6$$

$$\text{Coef} \Rightarrow -8$$

$$51) \quad 2xyz + \underbrace{2x^3y^2z}_{\text{Deg} \Rightarrow 6} - 5xy^2z$$

$$52) \quad 10x^2yz^2 - 3x^2yz + \underbrace{2x^2y^2z^2}_{\text{Deg} \Rightarrow 6}$$

$$53) \quad 2x^2 + 3xy + 5y^2$$

$$\text{Deg} \Rightarrow 2$$

$$54) \quad 4x^3yz - 3xyz + 7xy^2z$$

$$\text{Deg} \Rightarrow 5$$

$$55) \quad 8z^2 - 2z + 7 - 9z^3$$

$$-9z^3 + 8z^2 - 2z + 7$$

$$58) (7u^2 - 10r) + (-3u^2 + 9 - 2r)$$

$$4u^2 - 12r + 9$$

$$59) (9m + 7n) + (-4m + 3n)$$

$$5m + 10n$$

