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) $-4(2x+11)=92$

$-8x-44=92$

$+44\quad+44$

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

$x=-17$

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

$18x+66=30$

$-66\quad-66$

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

$x=-2$

37) $8(3x-5)+20=-68$

$24x-40+20=-68$

$24x-20=-68$

$+20 \quad +20$

$\frac{24x}{24}=\frac{-48}{24}$

$x=-2$

38) $5x-4(2x+11)=13$

$5x-8x-44=13$

$-3x-44=13$

$+44 \quad +44$

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

$x=-19$

36) $9z = 5z + 16$

$-5z \quad -5z$

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

$z = 4$

37) $15 - 1(2x + 7) = 14$

$15 - 2x - 7 = 14$

$8 - 2x = 14$

$-8 \quad -8$

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

$x = -3$

38) $6(7-4)+4=36+4$

$42-6u+4=36+4$

$42-5u=36+4$

$+5u \qquad +5u$

$42=36+6u$

$-36 \quad -36$

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

$u=1$

39) $18p + p = 11 - 3p$

$19p = 11 - 3p$

$+3p \qquad +3p$

$22p = 11$

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

$p = \frac{1}{2}$

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

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

$-10x \qquad -10x$

$-38x - 14 = 5$

$+14 \quad +14$

$\frac{-38x}{-38} = \frac{19}{-38}$

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

41) $2aaacc$

$2a^3c^3$

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

$(x-y)^2$

43) $(m+n)^3$

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

44) $3(ab)^4$

$3(ab)(ab)(ab)(ab)$

45) $10^2 = 100$

46) $5^3 = 125$

47) $(3x)^3$; $x = 2$

$(3 \cdot 2)^3$

$(6)^3$

216

48) $(x+1)^4$; $x = 3$

$(3+1)^4$

4^4

256

49) $7x^0$

Deg ⇒ 0

Coef ⇒ 7

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

Deg ⇒ 6

Coef ⇒ -8

51) $2xyz + 3x^3y^3z - 5xy^2z$

3 6 4

52) $10xy^2z - 3x^2yz + 2x^2y^2z^2$

4 4 6

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

① ② ③

Deg ⇒ 2

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

5 3 4

Deg: 5

55) $8z^2 - 2z + 1 - 9z^3$

$-9z^3 + 8z^2 - 2z + 1$

58) $(7u^2 - 10u) + (-3u^2 + 8 - 2u)$

$4u^2 - 12u + 8$

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

$5m + 10n$

(d) $(5ab + 2ac - 6bc) + (-4ac + 2bc)$

$5ab - 2ac - 4bc$