Descending Order

$X^{3}Y^{2}Z^{1}$

not

$Z^{4}a^{2}p$

First

Outside

Inside

Last

$(x-2)(x+7)$

$= x^2 + 7x - 2x - 14$

$= x^2 + 5x - 14$

$$(x+3)^2$$

$$= (x+3)(x+3)$$

$$= x^2+3x+3x+9$$

$$= x^2+6x+9$$

Noel

1) $(5x-1)(3x+3)$

$15x^2+15x-3x-3$

$15x^2+12x-3$

Owen

2) $(2x-7)(6x+8)$

$=12x^2+16x-42x$

$=12x^2-26x-56$

4) $\sin\alpha$

$(6a+8)(a-8)$

$= 6a^2 - 48a + 8a - 64$

$= 6a^2 - 40a - 64$

Ainsley

5) $(3n-6)(2n-4)$

$= 6n^2 - (-12n) - 12n + 24$

$= 6n^2 - 24n + 24$

Daniel

3) $(8v-4)(8v+4)$

$64v^2+32v-32v-16$

$64v^2-16$