How do we factor?

Do Now Factor $(x-3)(x+1) = (x-3)(x+3) = 2x^2-2x-1x+1$ = 2x(x-1)-1(x-1) = (x-1)(2x-1)

7)
$$\chi^{2}+7\chi-8$$
 8) $4\chi^{2}-1$ 9) $9\chi^{2}-12\chi+4$

$$= 3\chi(3\chi-2) -2(3\chi-2)$$

$$= (3\chi-2)(3\chi-2)$$

