$$\frac{20}{35} = 5d + 2d^{5}$$

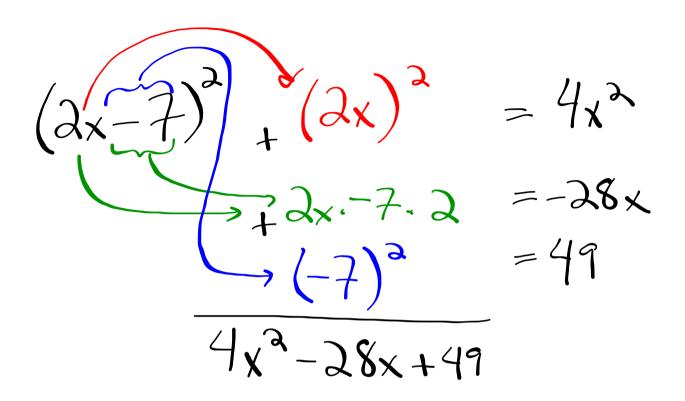
$$\frac{36}{35} = 5d + 2d^{5}$$

$$\frac{3d^{5}}{35} = 3$$

(4)
$$18s^{2}t^{5} - 2s^{3}t$$
 $2s^{2}t(9t^{4} - s)$
 $18 \quad 2 \quad \rightarrow 2$
 $5^{2} \quad 5^{3} \rightarrow 5^{3}$
 $2s^{2}t^{5} = 9t^{4}$
 $2s^{2}t^{5} = -5$
 $2s^{2}t^{5} = -5$
 $2s^{2}t^{5} = -5$

$$(2x+6)(x-1)$$

 $(2x+6)(x-1)$
 $(2x+$



$$(3x+7)(3x-7) = 9x^{2}$$

$$+ (-7)^{2} = 49$$

$$-9x^{2}-49$$

GCF and Solving Polynomial Practice:

- p. 578, 27-38
- 1. Factor out the GCF (variable and constant)
- 2. Set each factor = 0
- 3. Solve each sub-equation to find the solutions

$$(X+2)(x-4)=0$$

 $X+2=0$ $x-4=0$
 $X=-2$ or $x=4$

$$-12p^{2} + 30p = 0$$

$$(p(-2p+5) = 0$$

$$(p=0) - 2p+5 = 0$$

$$-2p=-5$$

$$p=0$$

$$p=\frac{5}{2}$$

$$5w^{2} - 5w = 0$$
 $5w(w - 1) = 0$
 $3. \text{ Use 2PPV}$
 $3. \text{ Solve V}$
 $5w^{2} = w$
 $5w = 0$
 $5w = 0$

$$-32y^{2} - 24y = 0 .tactor
.2PP .2PP .Solve
-32y^{2} = -4y - 24y = -3 .Solve
8y = 0 .4y - 3 = 0$$