

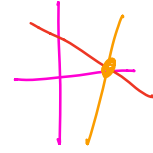
4)

$$\underline{d} = 11.3w$$

$$d + w = 78.7$$

$$w = ?$$

1) graphing



→ 2) substitution

3) elimination

$$(11.3w) + w = 78.7$$

$$12.3w = 78.7$$

$$w = \frac{78.7}{12.3}$$

$$w \approx 6.4$$

$$d + w = 78.7$$

$$d + (6.4) = 78.7$$

$$d = 78.7 - 6.4$$

$$d = 72.3$$

6)

$$\underline{C} = \underline{.75 + .0072h}$$

$$\underline{C} = \underline{4 + .0018h}$$

BFF'S

$$C = C$$

$$.75 + .0072h = 4 + .0018h$$

$$.0072h - .0018h = 4 - .75$$

$$.0054h = 3.25$$

$$h = \frac{3.25}{.0054}$$

$$h = 601.9$$