Bellwork

(Algebra Drills)

① $\frac{5}{2} = \frac{2x}{2}$

$x = 2.5$

② $2x(7) = \left(\frac{3}{2x}\right)2x$

$\frac{14x}{14} = \frac{3}{14}$

$x = \frac{3}{14}$

③ $4(11) = \left(\frac{6-x}{4}\right)\cdot 4$

$44 = 6 - x$

$-6 \quad -6$

$(-1)(38) = (-x)(-1)$

$-38 = x$

④ $8^2 = x^2 + 2(9)$

$8^2 = x^2 + 18$

$64 = x^2 + 18$

$-18 \quad -18$

$46 = x^2$

$\sqrt{46} = x$

$\pm 6.78 = x$

1. Identify:

$\Delta\vec{x} = \_\_\_\_ m$

$\vec{v}_i = \_\_\_\_ \frac{m}{s}$

$\vec{v}_f = \_\_\_\_ \frac{m}{s}$

$\vec{a} = \_\_\_\_ \frac{m}{s^2}$

$\Delta t = \_\_\_\_ s$

2. Picture

Define

"From rest"

$v_i = 0$

3. Choose an equation that has what you want/ what you have