Equation Finder

Equation	D	v_i	v_f	a	t
$D = \dfrac{v_i + v_f}{2}\, t$	✓	✓	✓		✓
$v_f = v_i + at$		✓	✓	✓	✓
$D = v_i t + \dfrac{1}{2}\, at^2$	✓	✓		✓	✓
$v_f{}^2 = v_i{}^2 + 2aD$	✓	✓	✓	✓	

To use your Equation Finder:

1. Identify three "givens" in a problem.
2. Identify unknown in a problem.
3. Find an equation that has all three "givens" and one unknown.
4. Solve the equation you found for unknown.
5. Insert "givens" into equation and find value for unknown.

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