| required element | sample | v-1 | v-2 | v-3 | v-4 | v-5 | v-6 |
|--|--------|-----|-----|-----|-----|-----|-----|
| e^{x} | | | | | | | |
| ln x | | | | | | | |
| $\sin(x)$ | | | | | | | |
| $\cos(x)$ | | | | | | | |
| tan(x) | | | | | | | |
| sec(x) | | | | | | | |
| kooky trig | | | | | | | |
| $\sin \left\{ \sin \left\{ \cos \left\{ \cos \left\{ \cos \left(\cos \left(\cos \left(\cos \left(\cos \left(\cos$ | | | | | | | |
| tan | | | | | | | |
| implicit differentiation | | | | | | | |
| has parameter | | | | | | | |
| has constant: π or e | | | | | | | |
| has constant: \sqrt{c} | | | | | | | |
| has constant: ln c | | | | | | | |
| \geq 5 obligatory chain w/ u : | | | | | | | |
| e^u | | | | | | | |
| ln(u) | | | | | | | |
| $(u)^p$ | | | | | | | |
| inside trig fcn | | | | | | | |
| \geq 2 double chain rule | | | | | | | |
| \geq 2 product rule | | | | | | | |
| ≥ 1 quotient rule | | | | | | | |
| power rule | | | | | | | |
| w/ fractional exponent | | | | | | | |
| power rule | | | | | | | |
| w/ negative exponent | | | | | | | |
| \geq 1 quotient rule | | | | | | | |
| manage simple constants | | | | | | | |
| easy simplification | | | | | | | |