Make sadistic problems

① **Label** a **column** on the left:

Familiar

③ **Copy** a straightforward/easy **problem statement**.

④ **Write** a **solution** for the "familiar" problem. Show all steps.

② **Label** a **column** on the right:

Unfamiliar

⑤ Think of ways to **make a sadistic problem** inspired by the "familiar" problem and considerations including, but not limited to, the following:

(a) Can I make a problem that **disguises** the formula, rule, or method being used?

(b) Can I contrive a situation in which **not all conditions** required to permit use of a formula, rule, or method are **satisfied**?

(c) Can I contrive a situation in which a feature that is **typically true** in straightforward problems is, instead, **false**?