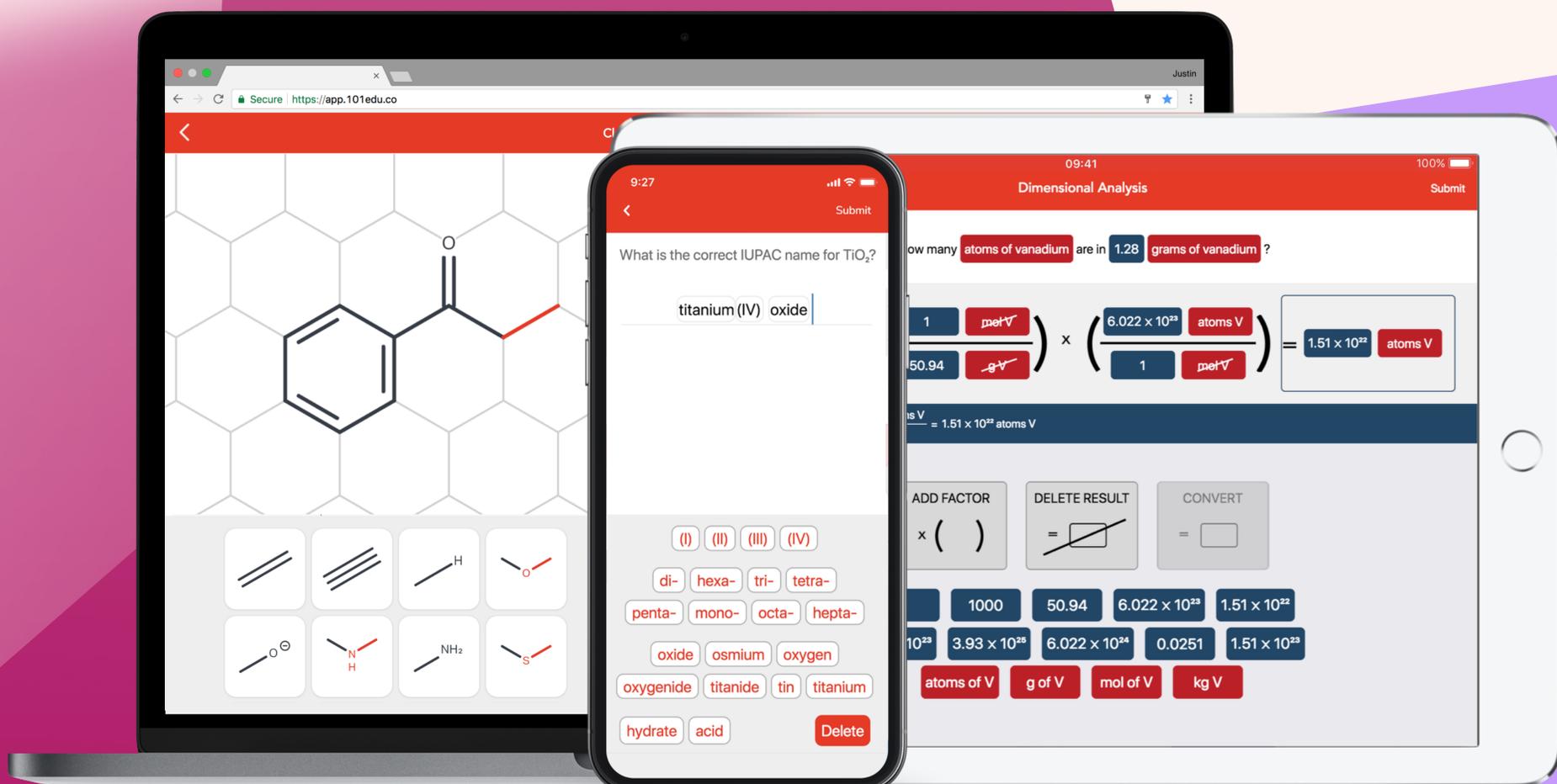


## HOW SIX

# Innovative Educators Use **Aktiv Chemistry** to Drive Student Success

Aktiv's interactive and intuitive platform transforms chemistry courses.



The image displays three devices showcasing the Aktiv Chemistry platform interface:

- Laptop:** Shows a chemical structure of a benzene ring with a carboxylic acid group (benzoic acid) overlaid on a hexagonal grid background.
- Smartphone:** Displays a question: "What is the correct IUPAC name for  $\text{TiO}_2$ ?" with a dropdown menu showing "titanium (IV) oxide". Below the question is a list of prefixes (di-, hexa-, tri-, tetra-, penta-, mono-, octa-, hepta-), suffixes (oxide, osmium, oxygen, oxygenide, titanide, tin, titanium), and other terms (hydrate, acid).
- Tablet:** Displays a "Dimensional Analysis" problem: "How many atoms of vanadium are in 1.28 grams of vanadium?" The interface shows a calculation:  $1.28 \text{ g V} \times \left( \frac{6.022 \times 10^{23} \text{ atoms V}}{1 \text{ mol V}} \right) \times \left( \frac{1 \text{ mol V}}{50.94 \text{ g V}} \right) = 1.51 \times 10^{22} \text{ atoms V}$ . The result is shown as  $1.51 \times 10^{22} \text{ atoms V}$ .