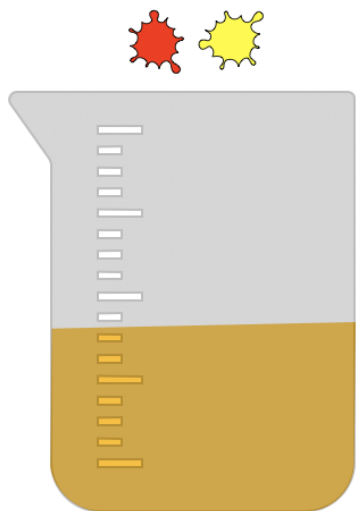
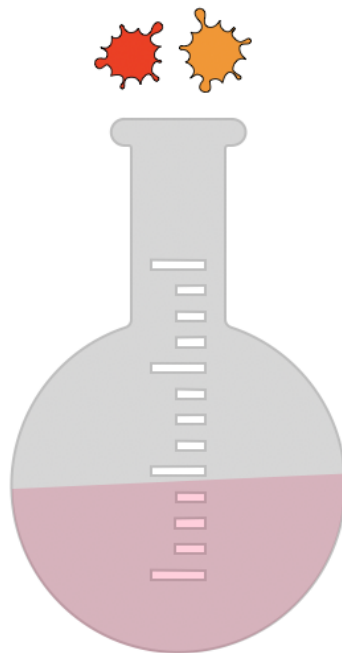


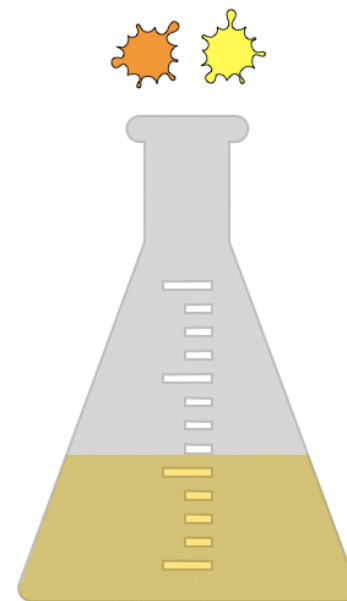
There is a funnel on the side of the bomb where exactly 240 ml of defusal mixture must be poured. The mixture must contain orangerium-117, rednuim-520, and yellowdassium-450 in the ratio 5:6:5. You have the three mixtures below at your disposal.



Solution A: Contains rednuim-520, and yellowdassium-450 in *some ratio*.

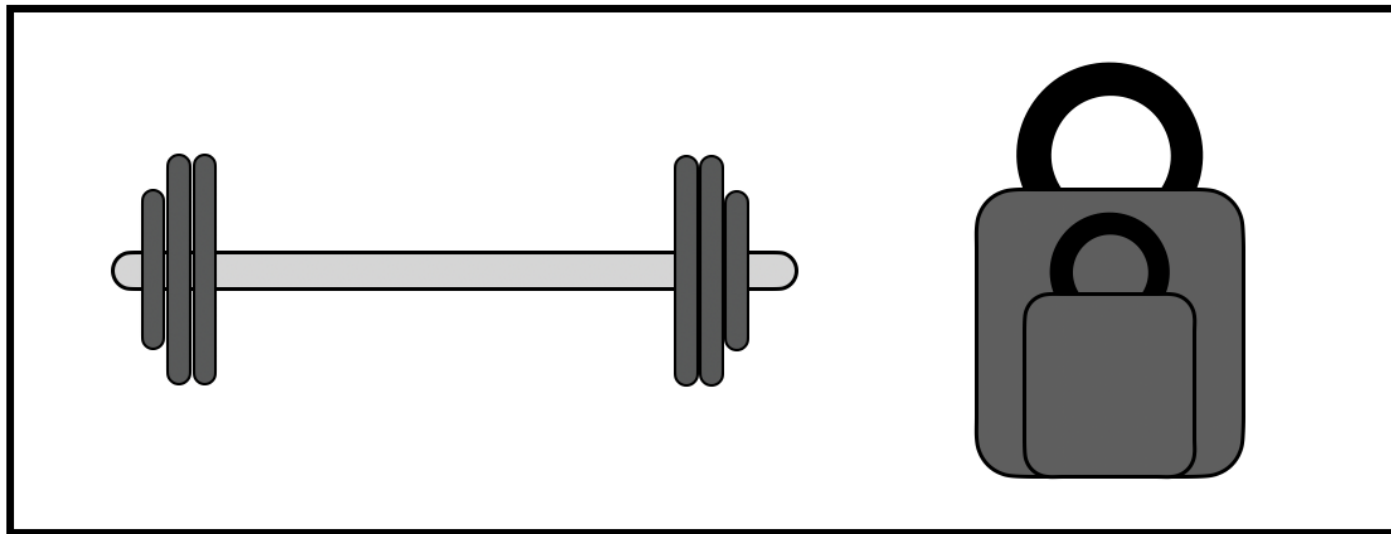


Solution B: Contains rednuim-520, and orangerium-117 in *some ratio*.



Solution C: Contains orangerium-117, and yellowdassium-450 in *some ratio*.

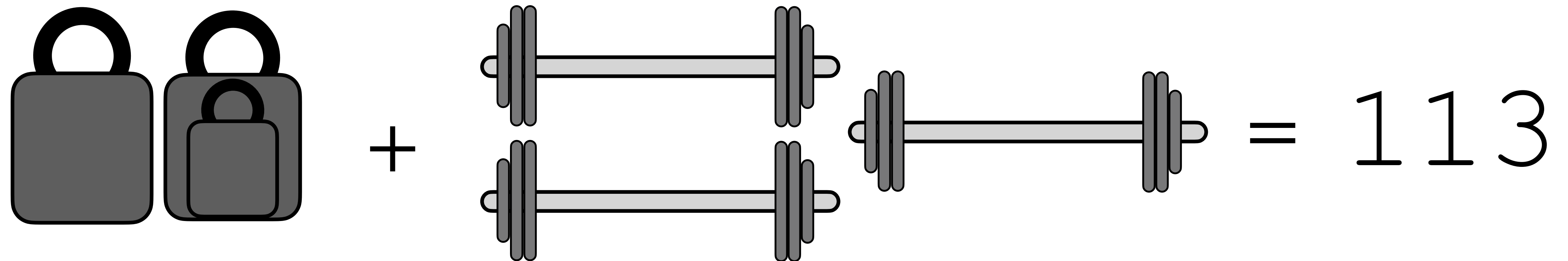
There is a scale atop the bomb that must have **exactly** 40 kg placed on it.
You only have the weights in the box below to place on the scale.



There are five components that need to be plugged into the bomb. Each component has a unique letter and number associated with it. Each component has blue, green, and purple lights with unique ratios following the diagram below:

| | Purple | Blue | Green |
|---|--------|------|-------|
| A | 1 | 1 | 4 |
| B | 2 | 3 | 4 |
| C | 2 | 4 | 3 |
| D | 3 | 5 | 1 |
| E | 1 | 1 | 1 |

The components must also be plugged in to the correct sockets. Component C must be the second closest to the wifi router. Component A must be plugged in between two other components. Components A, B, and E do not need wifi. Component B should be directly on top of the purple socket. Component E should be plugged on the bottom. (Devices requiring wifi must be within two spaces of the router).



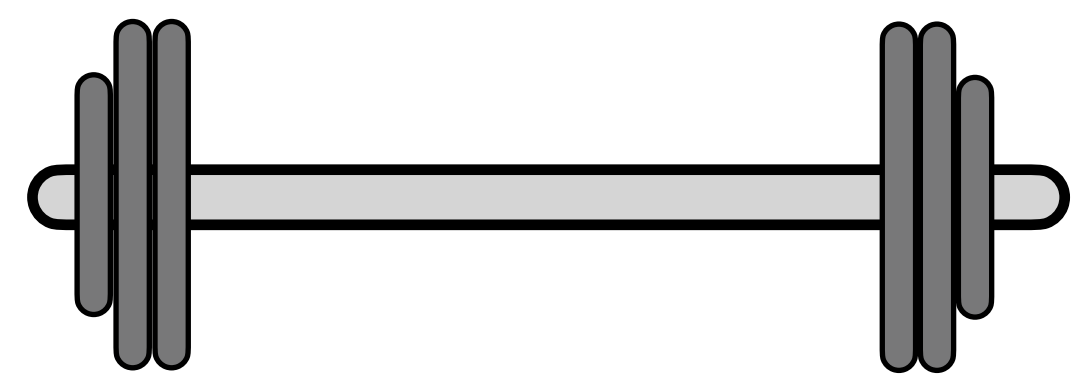
A visual equation where two large padlocks are added to two barbells (each with four weights) and one small barbell (with two weights), resulting in the number 113.

$$2 \text{ large padlocks} + 2 \text{ barbells} + 1 \text{ small barbell} = 113$$




A visual equation where one barbell is added to one large padlock and one small padlock, resulting in the number 34.

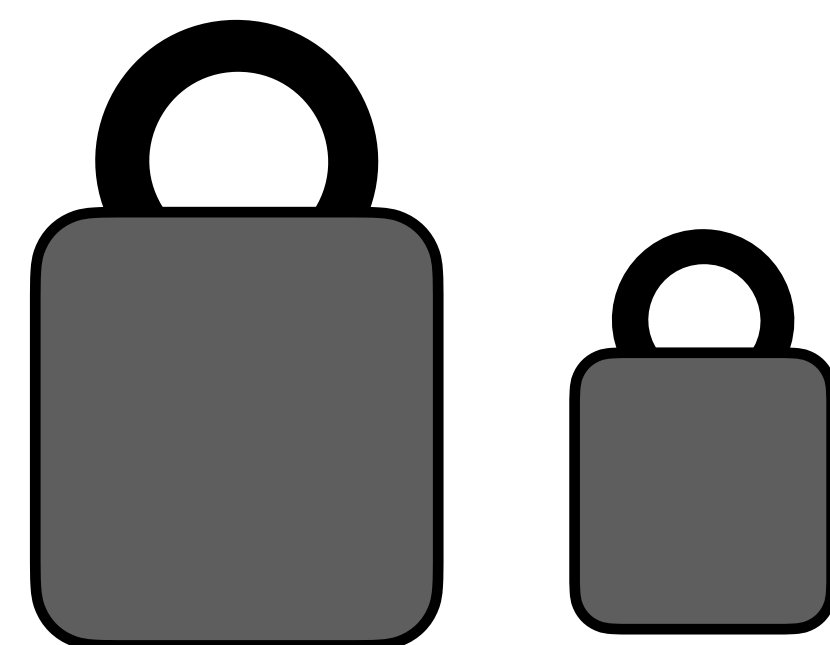
$$1 \text{ barbell} + 1 \text{ large padlock} + 1 \text{ small padlock} = 34$$



+



= 57



= 13

