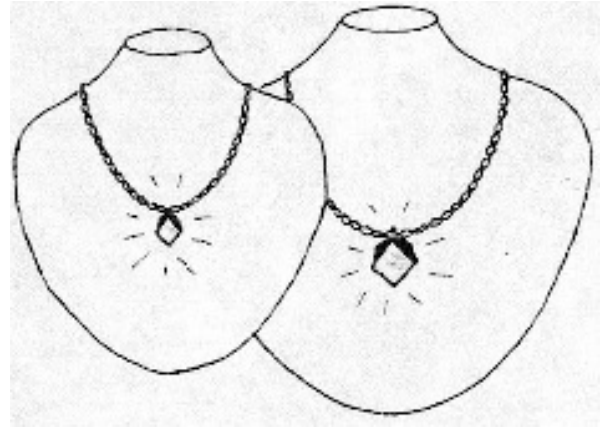# Un travail d'orfèvre

Rédiger la solution de cet exercice en allemand, anglais ou espagnol.

A jeweler makes two vermeil pendants.

To that effect, he takes two solid silver
cubes, one weighting 8g, the other 27 g.
He covers them with a thin layer of gold
of even thickness.
To plate the smallest cube, he uses
52 mg gold.

**Calculate how much gold he will need
to put a coat of the same thickness on the biggest cube.
Justify your answer**