

Money / Financial Matters

Introduction

- **Level:** B1
- **Skills:** Reading
- **Topics:** Vocabulary
- **Merging subjects:** Math, English

The enigma

- **Keywords**

coins, scale, balance the scale, QR scan, units of measurement

- **Toolbox**

Worksheet, pen, cell phone with QR scanner and calculator

- **Description of the enigma**

You and your friends are trapped in the school basement. As you explore the room, you find a table with an old rusty scale on it. The scale is tilted with coins, but it's not balanced. Next to the scale, a pile of strange coins. You realise a teacher once told you that students in your school used to play cards back in 1980, and they used these coins for the pot. Of course, they were severely punished and the coins were confiscated.

On the same table, there is a note. It says: "**Maybe if you can balance the scale, you will be able to leave.**" The first tray holds 2 Stancals and 3 Erams while the second one holds 250 Gibs. How many Gibs should you place on the other tray to balance the scale?"

You and your friends take a moment to remind yourself how many Gibs are in an Eram, and how many Erams are in a Stancal. If you don't remember, scan the QR code.



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Solution

1895 Gibs

2Stancals=66 Gibs, 3 Erams= 2079 Gibs

Total of the first tray: $66+2079=2145$ Gibs

$2145-250$ from the second tray= 1895 Gibs to add

Hints

The students have to reduce all the big coins to the smallest one

More information

Possible restrictions

Students with Dyscalculia may have difficulties.

References

- ✓ QR Code created with <https://www.flowcode.com/codes>
- ✓ <https://www.absolutvision.com/gostock/photo/3664/scale-with-question-mark>

