

Solution instructions for module 1

There are six resistors of which you can choose. Your comrade has to pick the right one, depending on the eight LEDs on the main module. The first match is the correct answer:

- If the last LED is on, the correct color code is brown-black-gold-gold.
- If the seventh LED is on, the color code is brown-black-black-gold.
- If the sixth LED is on, the color code is brown-grey-brown-gold.
- If the fifth LED is on, the correct resistor displays the color code brown-black-red-gold.
- If the fourth LED is on, the correct color code is brown-black-orange-gold.
- Else the color code must be brown-black-yellow-gold.