



Answer: One weighing will do.

Here's how: Lauren can select one red jar, two orange jars, three yellow jars, four green and five blue jars, and weigh all these jars together. If the scale reads 45.1 oz. the red jars are heaviest, if the scale reads 45.2 oz. the orange jars are heaviest, and so on. The number of tenth ounces over 45 oz. that the 15 jars weigh will reveal the color of the overweight jars.

Bonus: The term "ROYGBIV" refers to:
A. a Russian sir name, B. colors of the rainbow, or C. a type of ostrich feather.

Answer: Colors of the rainbow. This is a mnemonic, or memory aid... each letter in "ROYGBIV" represents the first letter of a color: red, orange, yellow, green, blue, indigo, and violet, respectively.