

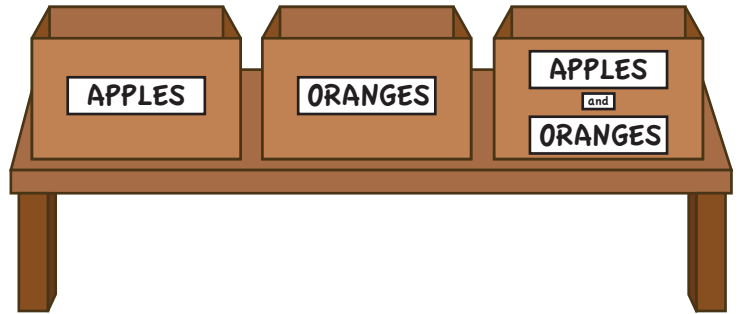
Mathematical Mindbenders!

Boxes of Fruit

Name: _____

You have three boxes of fruit.

- One is full of apples
- One is full of oranges
- One is full of both



Each box is labeled:

- One says “apples”
- One says “oranges”
- One says “apples and oranges”

However, none of the boxes are labeled correctly!

How can you label the boxes correctly if you are only allowed to take and look at just **one** piece of fruit from just **one** of the boxes?

Work out the problem in the space below.

Take a piece of fruit from the box labeled “Apples & Oranges”. We know that that box must have either all oranges or all apples. Depending on what fruit you pick, you’ll know for sure what fruit is in that box. From there, you’ll use process of elimination to figure out what fruits are in the other boxes.

Answer: _____