## **Relative Atomic Mass**

- A sample of element X consists of 93.2% of <sup>39</sup>X and 6.8% of <sup>41</sup>X. What is the relative atomic mass of X?
- 2. The atomic mass of element X is 114.8. X has two isotopes, <sup>113</sup>X and <sup>a</sup>X, and the relative abundance of <sup>113</sup>X is 10.0%. What is the value of a?

## **Suggested Answer**

2.  $114.8 = 113 \times 10.0\% + a \times 90.0\%$ a = 115