

## Mathematics Sample

*Solve each exercise showing the main steps.*

**Question 1.** Basic operations

1. Compute  $18 + 7$ .
2. Find  $x$  such that  $5x = 45$ .

**Question 2.** Geometry

1. What is the area of a rectangle with sides 4 cm and 9 cm?
2. A right triangle has legs 3 cm and 4 cm. Compute its hypotenuse.