Identifying Ultimate Tasks
 and Hidden Tasks

**Number**

**Unit 2 Line Master 9a**

Identify the ultimate task and hidden tasks involved in solving
each of the problems described below.

Choose one of the problems and solve it. You do not have to solve
the other problems.

Problem A: Choosing a Garden Plot

Samia can rent a 3-m by 3.5-m plot in a community garden
for $17 for the season.

Or Samia can rent a 4 m by 6 m plot with a friend for $35
for the season. They would share the cost and space equally.

Which plot do you think Samia should rent?
Explain your reasons.

6 m

3 m

4 m

3.5 m

Identifying Ultimate Tasks
 and Hidden Tasks (cont’d)

**Number**

**Unit 2 Line Master 9b**

Problem B: Comparing Growth

In ideal conditions, Moso bamboo can grow 90 cm in a day.

Even a fast-growing tree like the Lombardy poplar can grow
only 1 cm in a day.

A botanical garden has a Lombardy poplar that is 5.5 m tall
and a Moso bamboo that is 0.3 m tall.

If each plant grows at the maximum rate, which plant will be taller
at the end of the week?

Identifying Ultimate Tasks
 and Hidden Tasks (cont’d)

**Number**

**Unit 2 Line Master 9c**

Problem C: Numerical Calculation

Evaluate: 15.3 × (5.2 + 8.4) ÷ 0.4