Optional extension: Probability

NAME	DATE

1 **Optional extension · Extra content beyond Alberta Grade 2 requirements**

A bag has 2 red marbles and 3 yellow marbles. Leo picks one marble without looking. Is picking a red or yellow marble certain, possible or impossible?

○ Certain ○ Possible ○ Impossible

2 **Optional extension · Extra content beyond Alberta Grade 2 requirements**

A bag has 4 blue and 6 green marbles. One marble is taken out without looking. Which of these could happen?

Tick all the correct answers.

☐ **A** A blue marble is taken out.

☐ **B** A red marble is taken out.

☐ **C** A green marble is taken out.

☐ **D** A yellow marble is taken out.

Optional extension: Probability

1. Certain

Practice / supporting evidence: Probability classifications are supplementary to the Grade 2 statistics requirements.

2. A, C — Tick exactly these: A: A blue marble is taken out.; C: A green marble is taken out.. One missed or one extra is wrong.

Practice / supporting evidence: Probability classifications are supplementary to the Grade 2 statistics requirements.