

Marble bag

Ben's favourite colour is **red**.
Tamati's favourite colour is **green**.
Sarah's favourite colour is **yellow**.
Mia's favourite colour is **blue**.

Use the information about favourite colours above to answer the question.

- a. A bag has 3 red, 5 green, 6 yellow, and 4 blue marbles in it. If one marble is picked out, who has the best chance of this marble being their favourite colour?

- Ben
- Tamati
- Sarah
- Mia
- They all have the same chance

- b. Another bag has 4 red, 4 green, 4 yellow, and 4 blue marbles in it. If one marble is picked out, who has the best chance of this marble being their favourite colour?

- Ben
- Tamati
- Sarah
- Mia
- They all have the same chance

c. Another bag has 3 red, 6 green, 3 yellow, and 6 blue marbles in it. If one marble is picked out, who has the best chance of this marble being their favourite colour?

Ben

Ben and Sarah have the same chance

Tamati

Tamati and Mia have the same chance

They all have the same chance

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