

# Summer births

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This task is about sampling.



Kahu, Ravi, and Anne each did a survey to find out the fraction of people who are born in summer.

a) What fraction of people were born in summer in each of these surveys?

i) Kahu asked 10 people, and found that 3 were born in summer. \_\_\_\_\_

ii) Ravi asked 100 people, and found that 29 were born in summer. \_\_\_\_\_

iii) Anne asked 1000 people, and found that 263 were born in summer. \_\_\_\_\_

Which person's survey should give the best estimate of the fraction of people that are born in summer?

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i)

Why is this estimate the best?

b)

\_\_\_\_\_

ii)

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c) What fraction of **all** the people asked were born in summer? \_\_\_\_\_