

Key Learning: To use rounding to estimate calculations

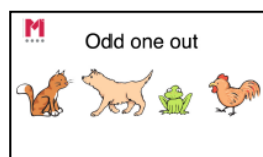
Calculating estimates

Round each number to different multiples. Use the rounded numbers to choose estimation calculations for the problems below.

Explain why you chose each estimation calculation instead of the other options.

Place	Population	Round to 1 00 000	Round to 1 0 000	Round to 1 000	Round to 1 00
Cambridge 	123 945	1 00 000	1 2 0 000	12 4 000	123 9 00
Edinburgh 	495 360	5 00 000		49 5 000	
Blackpool 	142 065				142 1 00
Lake District 	40 800		4 0 000		

- 1) What is an approximate total population for Cambridge and Edinburgh?
- 2) Approximately how many more people live in Blackpool than in Cambridge?
- 3) Give an estimate for the number of people who live in Cambridge and the Lake District.
- 4) What is an estimate for the difference between the number of people living in Blackpool and those living in Edinburgh?



138, 433

142, 319

133, 762