

Exam questions

Question 1

Alex buys vegetarian pies and chicken pies for a party.

He buys 164 pies in total.

Alex buys vegetarian pies and chicken pies in the ratio 3 : 1

Work out the number of vegetarian pies Alex buys.

Question 2

Penny is the manager of a nursery for pre-school children.

She knows that the ratio of the number of adults to the number of children must be 1 : 8

Penny has 56 children at the nursery.

(a) Work out the number of adults Penny needs for 56 children.

(b) Use a reverse calculation to show a check of your answer.