

Q1 June 2019

- 7 There are y boats on a lake.
There are 7 people in each boat.

Write an expression, in terms of y , for the total number of people in the boats.

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(Total for Question 7 is 1 mark)

Q2 Nov 2019

18 Ben is n years old.

Chloe is twice as old as Ben.

Dan is five years younger than Ben.

The total of Ben's age, Chloe's age and Dan's age is T years.

(a) Find a formula for T in terms of n .

(3)

(b) In the table below, put a tick (✓) in the box next to the identity.

$3h + 2 = 14$	
$3a + 4b - 2c$	
$A = \pi r^2$	
$5m - 3m = 2m$	
$x + 7 \leq 12$	

(1)

(Total for Question 18 is 4 marks)

There are x sweets in a box.

There are y sweets in a packet.

- (c) Write an expression, in terms of x and y , for the total number of sweets in 3 boxes and 2 packets.