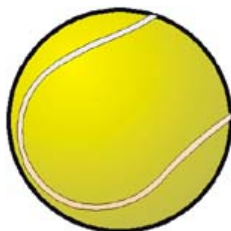


Tennis ball equations

This task is about writing and solving number sentences.



Write the missing number in the box to make the equation correct.

a) $3 \times \square + 2 = 14$

Tennis balls come in cylinders holding 3 balls. Janet has 14 balls.

b) Use the equation in a) to answer these questions.

i) How many cylinders could she completely fill with these balls? _____

ii) How many balls would be left over? _____

Here is a similar problem:

c) **Mikaere has 28 tennis balls altogether. A full cylinder contains 3 balls.**

How many cylinders could he completely fill? _____

i) Write an equation similar to the one above that could be used to find out how many balls John would have left over.

ii) Use a box to represent the number of balls left over.