

1. In this question you will turn a situation into a word formula and into an algebra expression.

(a) Read the situation.

A gardener plants 3 trays of calendulas.

There are c calendulas in a tray.

Write an expression, in terms of c , for the total number of calendulas planted.

(b) Complete these:

THING: CONTAINER:

(c) Complete the word formula with the correct words.

Total number of THINGS	=	Number of CONTAINERS	×	Number of THINGS in one CONTAINER
Total number of	=	Number of	×	Number of in one

algebra expression is ×

(d) Complete the algebra expression (above) with the correct letters or numbers.

(e) Simplify the algebra expression and write it on the answer line.

(e)

2. In this question you will turn a situation into a word formula and into an algebra formula.

(a) Read the situation.

A supermarket worker throws away 14 punnet of peaches.

There are p peach in a punnet.

She throws away a total of T peaches.

(b) Complete these:

THING: CONTAINER:

(c) Complete the word formula with the correct words.

Total number of THINGS	=	Number of CONTAINERS	×	Number of THINGS in one CONTAINER
Total number of	=	Number of	×	Number of in one

algebra formula: = ×

(d) Complete the algebra formula (above) with the correct letters or numbers.

(e) Simplify the algebra formula and write it on the answer line.

(e)

Answers

1. THING = calendula, CONTAINER = tray

$$3 \times c$$

$$3c$$

2. THING = peach, CONTAINER = punnet

$$T = 14 \times p$$

$$T = 14p$$