

1. A baker is preparing for the day.

She cuts 4 mushroom tart into slices.

Each mushroom tart is cut into 8 slices.

(a) Write down a **calculation** to work out the total number of mushroom tart slices.

(a)

The baker also cuts q quiche Lorraine into slices.

Each quiche Lorraine is cut into 12 slices.

He make a total of T slices.

(b) Write down a **formula** for T , in terms of q .

(b)

2. A languages teacher orders 12 boxes of French dictionaries.

There are 16 French dictionaries in a box.

- (a) Write down a **calculation** to work out the total number of French dictionaries ordered.

(a)

She also orders 14 boxes of German dictionaries.

There are g German dictionaries in a box.

- (b) Write an **expression**, in terms of g , for the total number of German dictionaries ordered.

(b)

3. An art teacher is buying some supplies.

She buys 19 packs of fine brushes.

There are 8 fine brushes in a pack.

(a) Write down a **calculation** to work out the total number of fine brushes she buys.

(a)

She also buys 8 packs of broad brushes.

There are b broad brushes in a pack.

She buys a total of T broad brushes.

(b) Write down a **formula** for T , in terms of b .

(b)

Answers

1. (a) 4×8
(b) $T = 12q$
2. (a) 12×16
(b) $14g$
3. (a) 19×8
(b) $T = 8b$