

1. A school shop sold  $a$  angle measurers,  $h$  highlighters,  $p$  pencils and  $r$  rulers as well as  $b$  ball point pens and  $f$  fibre tip pens.

Sold last term:  $a = 26$

$b = 94$

$f = 42$

$h = 13$

$p = 78$

$r = 105$

Complete this table for the number of items sold.

Purpose	expression	calculation
For diagrams	$a + p + r$	$26 + 78 + 105$
For note taking		$94 + 42 + 13$

2. A chef writes down the slices of cake she needs to make tomorrow:

Blueberry and almond  $b = 32$

Chocolate  $c = 40$

Fruit loaf  $f = 28$

Lemon drizzle  $l = 20$

Victoria sandwich  $v = 30$

Complete this table for the number of slices of cake.

For	expression	calculation
Party 1	$f + l + v$	$28 + 20 + 30$
Party 2		$32 + 40$

3. A caterer prepares  $b$  brie,  $c$  roast chicken,  $h$  red pepper and humous,  $r$  roast beef and  $t$  tuna mayonnaise sandwiches.

Here is a list of what they prepare:  $b = 35$

$$c = 50$$

$$h = 40$$

$$r = 25$$

$$t = 30$$

Complete this table for the number of sandwiches.

Bread type	expression	calculation
Granary	$h + r$	$40 + 25$
White bloomer		$35 + 50 + 30$

4. A farmer has  $b$  bulls,  $c$  cows,  $h$  heifers and  $s$  steers.

{FYI Heifers are female cattle who are not parents and steers are male cattle who have been neutered, so they can't become parents.}

The farmer wrote this list:  $b = 2$

$$c = 600$$

$$h = 305$$

$$s = 280$$

Complete this table for the number of cattle.

Gender	expression	calculation
Female cattle	$c + h$	$600 + 305$
Male cattle		$2 + 280$

## Answers

1.  $b + f + h$

2.  $b + c$

3.  $b + c + t$

4.  $b + s$