1. A hotel has $b$ beach towels, $f$ foot mats, $h$ hand towels, $l$ large towels, and $s$ sauna towels.

   At the start of the season the manager wrote:   $b = 160$
   $$f = 50$$
   $$h = 100$$
   $$l = 180$$
   $$s = 35$$

   Complete this table for the number of towels.

   | status | expression | calculation |
   |---|---|---|
   | Complementary | $f + h + l$ | $50 + 100 + 180$ |
   | Pay a deposit | | $160 + 35$ |

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

   {FYI Cows are female cattle who are parents and heifers are female cattle who are not parents. Bulls are male cattle who can become 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.

   | Overwinter | expression | calculation |
   |---|---|---|
   | Send to market | $b + s$ | $2 + 280$ |
   | Keep overwinter | | $600 + 305$ |

3. A school has $b$ basketballs, $c$ cricket balls, $f$ footballs, $r$ rounders balls and $t$ tennis balls.

   The stock cupboard list says:   $b = 12$
   $$c = 4$$
   $$f = 18$$
   $$r = 5$$
   $$t = 22$$

   Complete this table for the number of balls.

   | status | expression | calculation |
   |---|---|---|
   | in use | $b + f$ | $12 + 18$ |
   | out of season | | $4 + 5 + 22$ |

4. A storeroom has $e$ English, $f$ French, $g$ German, $s$ Spanish and $w$ Welsh dictionaries.

   The list on the door says:   $e = 240$
   $f = 60$
   $g = 15$
   $s = 120$
   $w = 150$

   Complete this table for the number of dictionaries.

   | status | expression | calculation |
   |---|---|---|
   | on loan | $f + w$ | 60 + 150 |
   | out of date | $g$ | |
   | in stock | | 240 + 120 |

5. A gardener buys $a$ allium, $b$ bluebell, $c$ crocus, $s$ snowdrop and $t$ tulip bulbs.

   Here is a list of bulbs she buys:   $a = 25$
   $b = 50$
   $c = 35$
   $s = 40$
   $t = 60$

   Complete this table for the number of bulbs.

   | When they flower | expression | calculation |
   |---|---|---|
   | Winter/early spring | $c + s$ | 35 + 40 |
   | Spring/early summer | | 25 + 50 + 60 |

6. A fruit farmer has $a$ apple, $c$ cherry, $h$ hazelnut, $p$ pear trees and $w$ walnut trees.

   When the farmer planted the trees he wrote this list   $a = 500$
   $c = 600$
   $h = 300$
   $p = 200$
   $w = 100$

   Complete this table for the number of trees.

   | field name | expression | calculation |
   |---|---|---|
   | big field | $a + p$ | 500 + 200 |
   | new field | | 600 + 300 + 100 |

Answers    Q1: $b + s$  Q2 $c + h$  Q3: $c + r + t$  Q4 15 and $e + s$  Q5: $a + b + t$  Q6 $c + h + w$