



## Question 2

### Question 6

(Suggested maximum time: 5 minutes)

Niamh is in a clothes shop and has a voucher which she **must** use.

The voucher gives a €10 reduction when buying goods to the value of at least €35.

She also has €50 cash.

- (a) Write down an inequality in  $x$  to show the range of cash that she could spend in the shop.

$$\square \leq x \leq \square$$

- (b) Niamh buys one item of clothing in the shop, using the voucher as she does so. Write an inequality in  $y$  to show the range of possible prices that this item could have, before the €10 reduction is applied.

$$\square \leq y \leq \square$$







