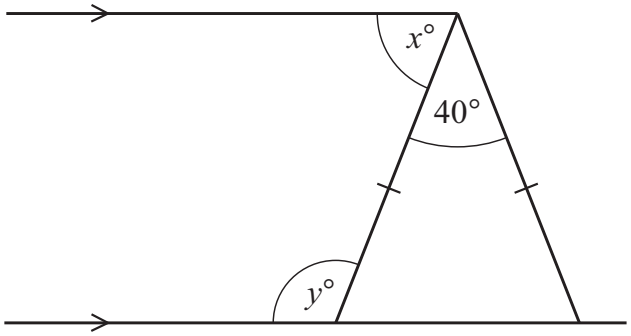
10



NOT TO SCALE

The diagram shows an isosceles triangle between a pair of parallel lines.

(a) Find the value of x.

$x =$ ..... [2]

(b) Find the value of y.
Give a geometrical reason for your answer.

$y =$ ..... because .....

..... [2]

11 **(a)** Sam buys 3 apples at 40 cents each.
He also buys 5 peaches.
The total cost is \$3.45 .

Find the cost of 1 peach.

..... cents [3]

(b) Pears cost 55 cents each.
Bananas cost 36 cents each.

Write an expression, in cents, for the cost of x pears and y bananas.

..... [2]