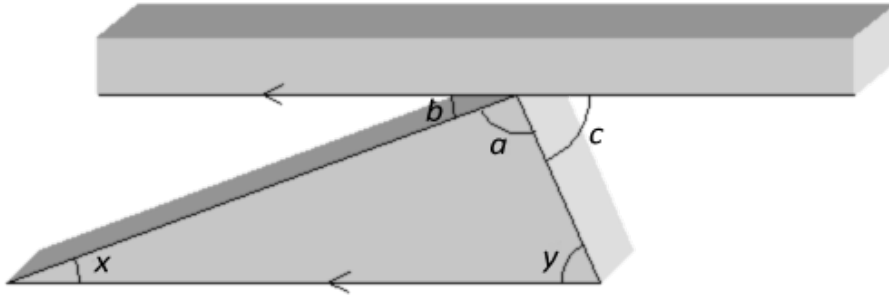


# Knowing angle properties

**This task is about angle properties.**

A sculpture has been made with a triangular base and a straight top piece.

The angles in the triangle are all different and the top piece is parallel with the base of the triangle.



a) Which angle is the same as angle  $b$ ? (Select one)

$a$         $x$         $c$         $y$

b) Which angle is the same as angle  $c$ ? (Select one)

$a$         $b$         $x$         $y$

c) How did you work out questions a) and b)?

d) What do angles  $a + b + c$  add up to? (Select one)

$90^\circ$         $180^\circ$         $270^\circ$         $360^\circ$

e) How did you work out question d)?