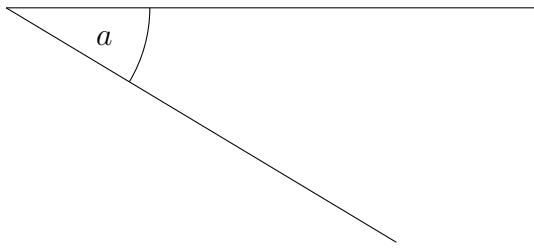
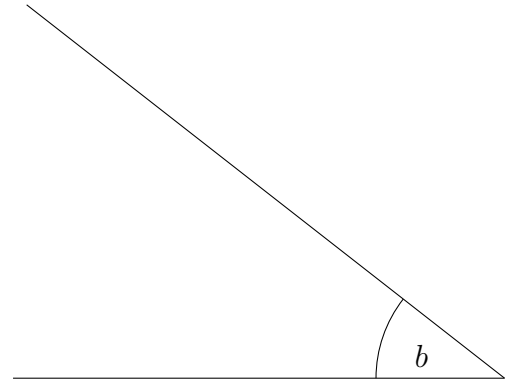


1. Measure the size of the angles marked a and b .

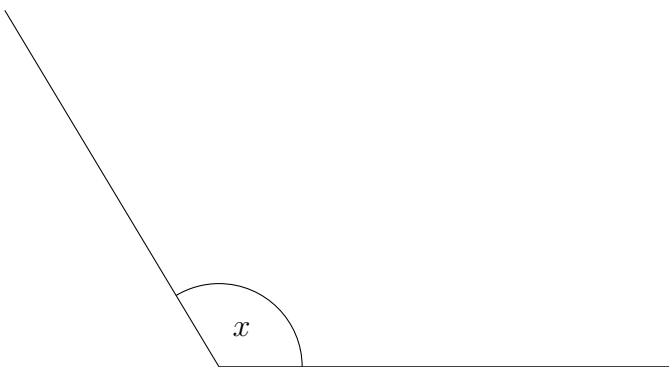


$a = \dots \text{ }^\circ$

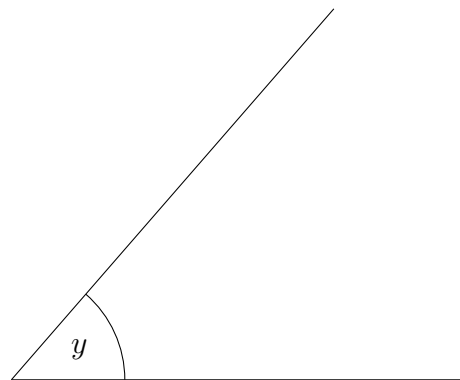


$b = \dots \text{ }^\circ$

2. Measure the size of the angle marked x and y .

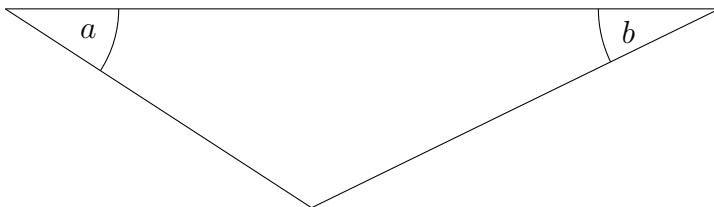


$x = \dots \text{ }^\circ$



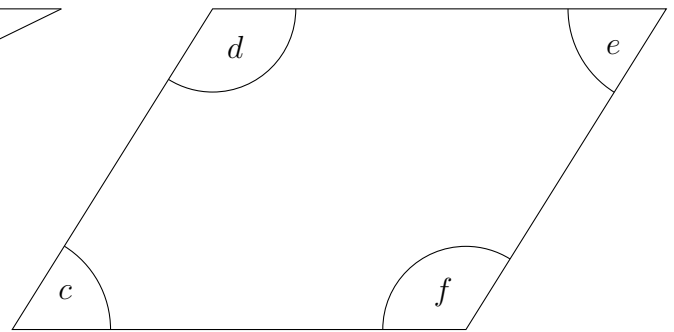
$y = \dots \text{ }^\circ$

3. Measure the sizes of the angles $a, b, c, d, e, f, p, q, x$ and y .



$a = \dots \text{ }^\circ$

$b = \dots \text{ }^\circ$

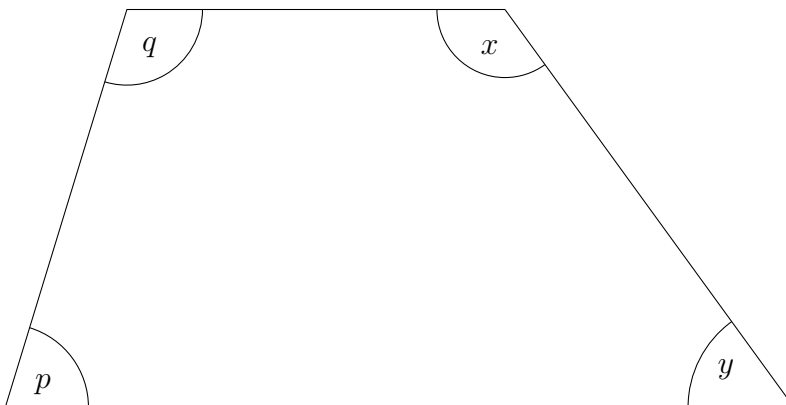


$c = \dots \text{ }^\circ$

$d = \dots \text{ }^\circ$

$e = \dots \text{ }^\circ$

$f = \dots \text{ }^\circ$



$p = \dots \text{ }^\circ$

$q = \dots \text{ }^\circ$

$x = \dots \text{ }^\circ$

$y = \dots \text{ }^\circ$

Answers 1a) 31, b) 38 2a) 121, b) 49

3) $a = 33, b = 26, c = 58, d = 122, e = 58, f = 122, p = 73, q = 107, x = 126, y = 54$