# Angle Pairs

**9**



NOT TO
SCALE

*AB* is parallel to *CD*.
Calculate the value of $x$

*Answer x =* ............................... [3]

**4**
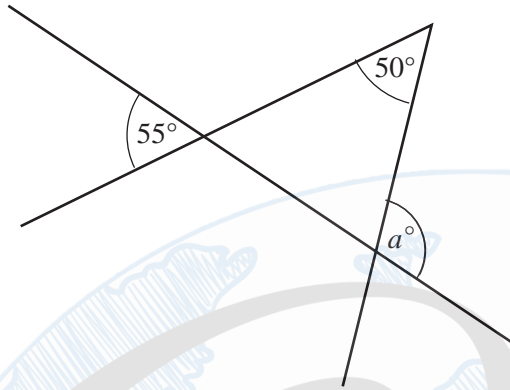


NOT TO
SCALE

Use the information in the diagram to find the value of *a*.

*Answer a =* ............................................ [2]

3) November 2013  V1

**3**
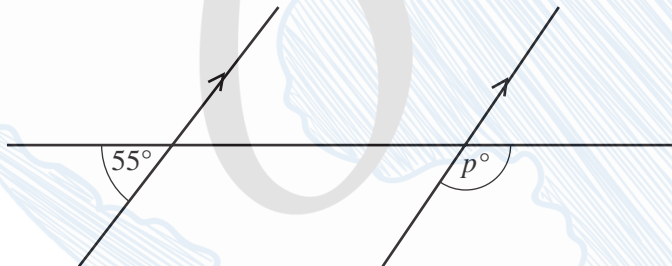


NOT TO
SCALE

Find the value of *p*.

*Answer p =* ............................................ [2]

**18 (a)**
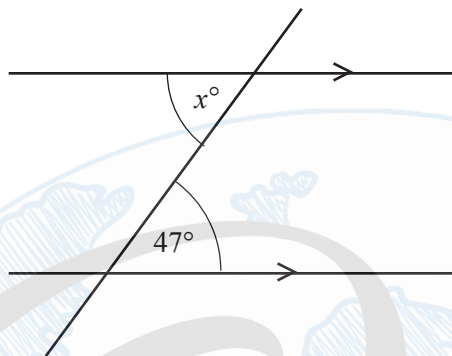


NOT TO
SCALE

Find the value of $x$.

$x =$ .................................................. [1]

**9**
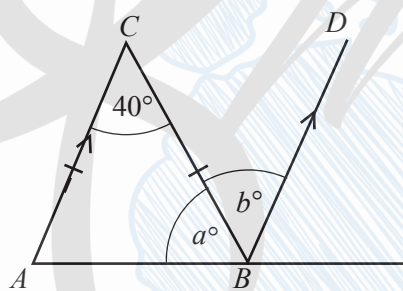


NOT TO
SCALE

Triangle $ABC$ is isosceles and $AC$ is parallel to $BD$.

Find the value of $a$ and the value of $b$.

$a =$ ..................................................

$b =$ .................................................. [2]

## 6) November 2016 V2

**2**



NOT TO SCALE

Find the value of *a*.

$a =$ ................................................ [2]

## 7) June 2018 V1

**5**



NOT TO SCALE
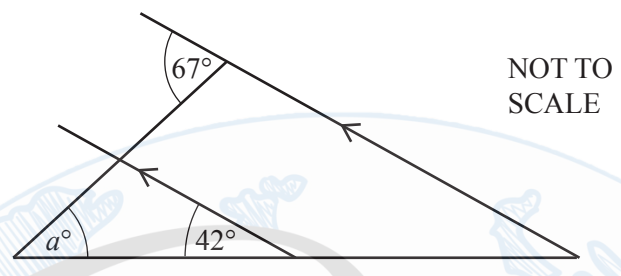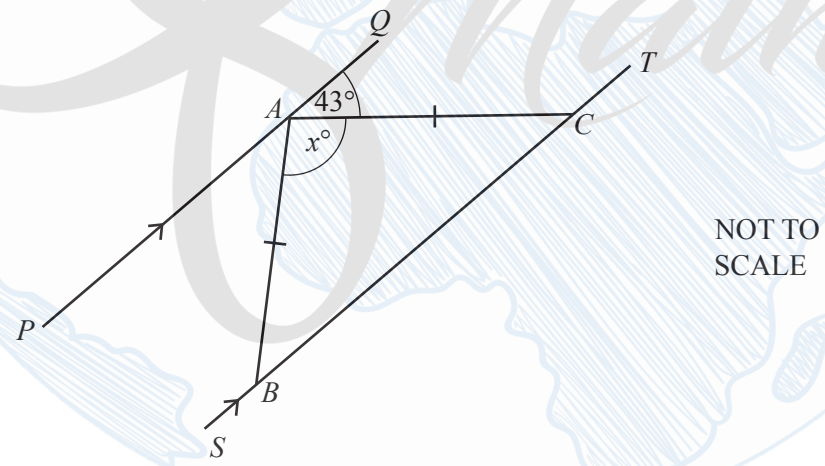
The diagram shows two parallel lines *PAQ* and *SBCT*.
*AB = AC* and angle *QAC* = 43°.

Find the value of *x*.

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