2 Work out the sizes of the unknown angles.
Give reasons for each stage of your working.
a)

b)
c)




[^0]

Angles in a triangle sum to $180^{\circ}$


```
In an isosceles
triangle, two angles
    are equal
```



Angles on a straight
line sum to $180^{\circ}$
 point sum to $360^{\circ}$

Work out the sizes of the angles marked with letters.
a)

e)

b)

f)

c)

g)

d)

h)

$w=\square$

4 Work out the sizes of the unknown angles
a)

b)

$\square$
$\square$
(5)

Work out the size of angle $x$.


Here is an isosceles triangle.
Find two possible sizes of angle $y$.

$\square$
$\square$


[^0]:    Vertically opposite angles are equal

