Maths

Match each diagram to the correct rule.


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


Angles around a point sum to $360^{\circ}$

(2) Work out the sizes of the unknown angles.

Give reasons for each stage of your working.
a)

b)


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

b)

c)

d)

f)
 Maths
2) Work out the sizes of the unknown angles.

Give reasons for each stage of your working.
a)

b)

c)

h)


Talk about your reasons with a partner.

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

b)

c)

d)

f)

4. Work out the sizes of the unknown angles.
a)

b)

(5) Work out the size of angle $x$.


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


