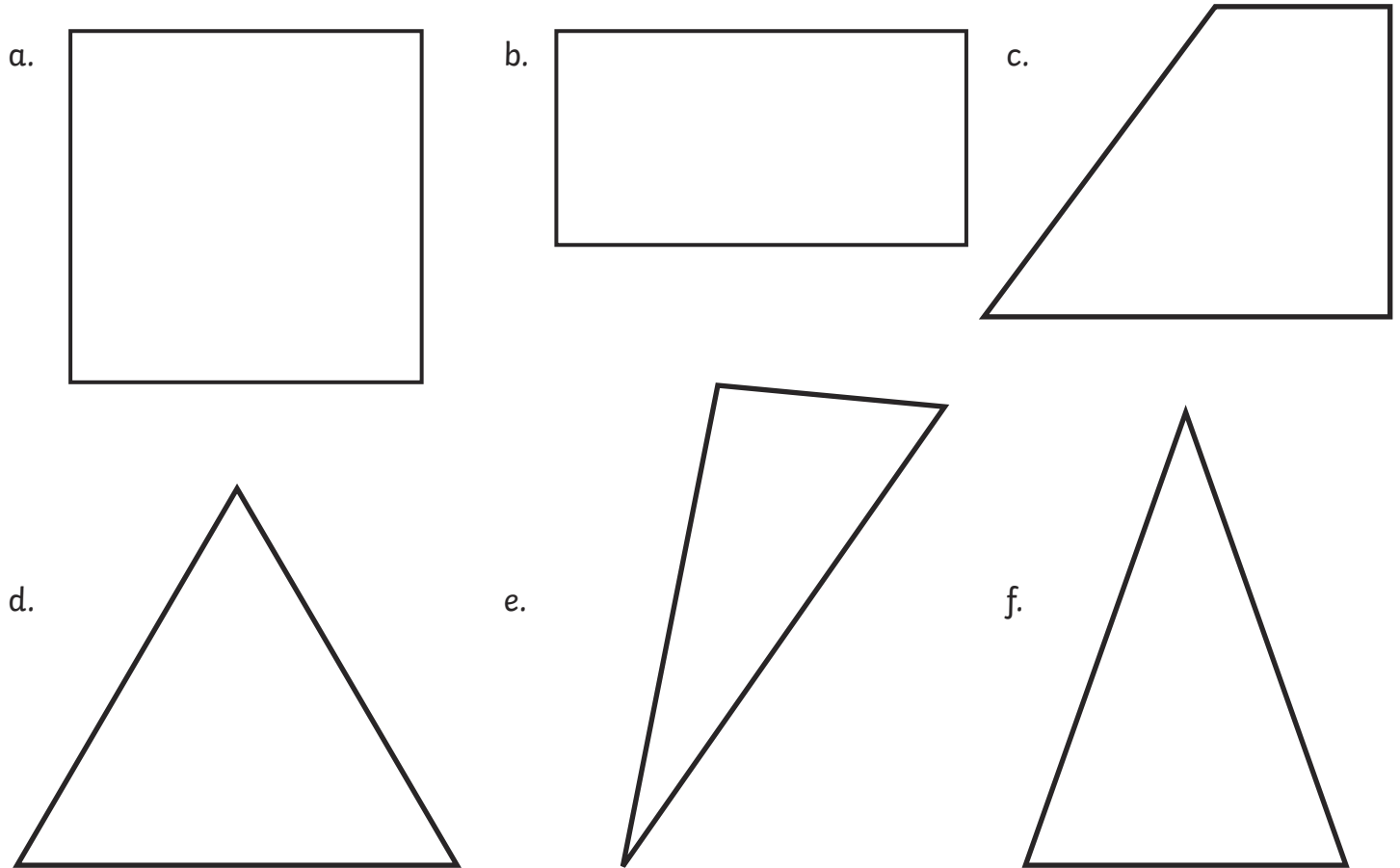


Measuring Angles in 2D Shapes

I can use a protractor to measure angles in degrees. (ACMMG112)

Use a protractor to measure the angles in each shape.



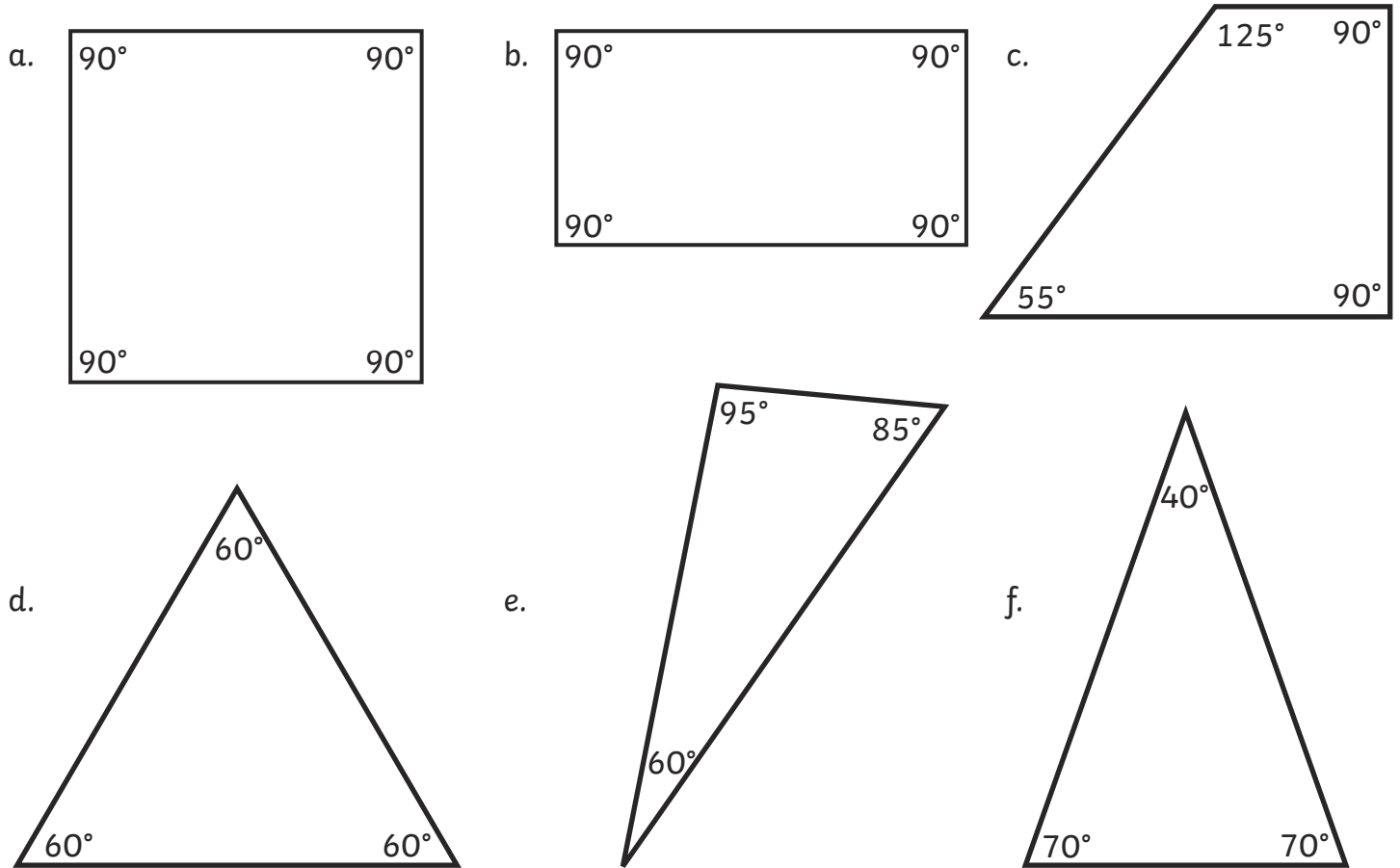
Add the angles together for each shape. The first one has been completed for you.

a.	Square = $90^\circ + 90^\circ + 90^\circ + 90^\circ = 360^\circ$
b.	
c.	
d.	
e.	
f.	

Measuring Angles in 2D Shapes

Answers

Use a protractor to measure the angles in each shape.



Add the angles together for each shape. The first one has been completed for you.

a.	Square = $90^\circ + 90^\circ + 90^\circ + 90^\circ = \mathbf{360^\circ}$
b.	Rectangle = $90^\circ + 90^\circ + 90^\circ + 90^\circ = \mathbf{360^\circ}$
c.	Quadrilateral = $90^\circ + 90^\circ + 125^\circ + 55^\circ = \mathbf{360^\circ}$
d.	Equilateral triangle = $60^\circ + 60^\circ + 60^\circ = \mathbf{180^\circ}$
e.	Scalene triangle = $95^\circ + 85^\circ + 60^\circ = \mathbf{180^\circ}$
f.	Isosceles triangle = $70^\circ + 70^\circ + 40^\circ = \mathbf{180^\circ}$