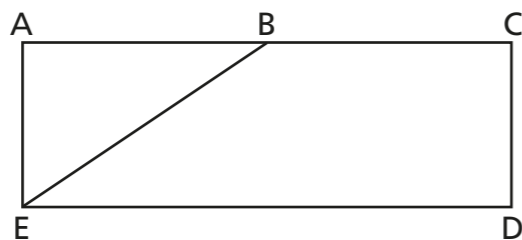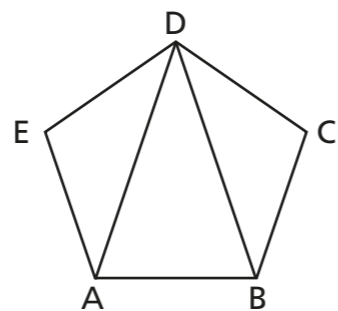# Understand and use letter and labelling conventions including those for geometric figures

1 Here is a shape with five points marked.

Shade the quadrilateral BCDE.

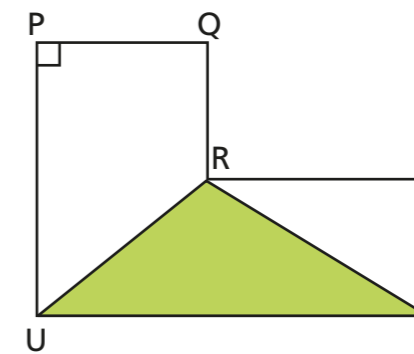**2** ABCDE is a pentagon.

a) Shade triangle BCD blue.

b) Shade one of the other triangles a different colour.

What is this triangle called? _____

3 EFGH is a kite. Draw shape EFGH.

4 Here is a shape.

a) Complete the sentences.

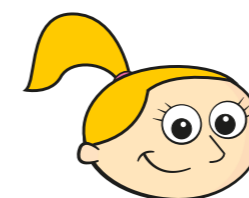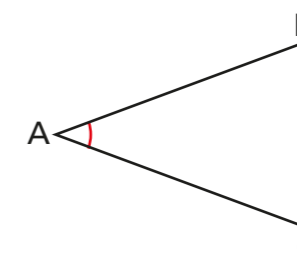Shape RST is a _____

PU is a _____

Angle _____ is a right angle.

The shaded triangle is called triangle _____

b) The shape contains two trapeziums.

Describe the two trapeziums using letters.

_____

5 Here is an angle.

The angle shown is ABC.
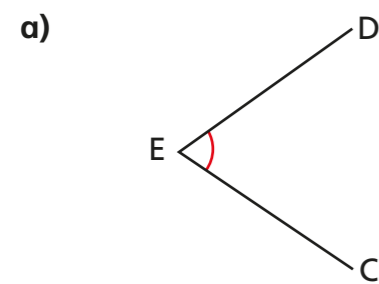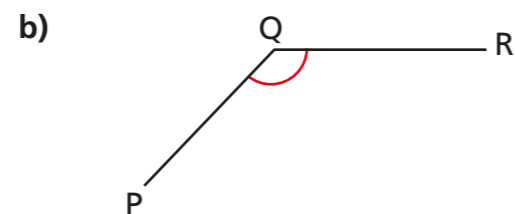
Do you agree with Eva? _____

Explain your answer.

_____

_____

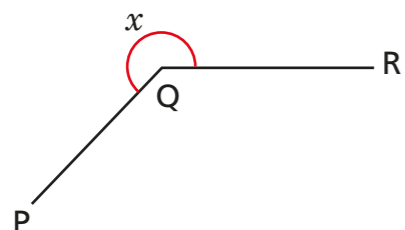**6** Use three-letter angle notation to describe the angles.

a)

D

E

C

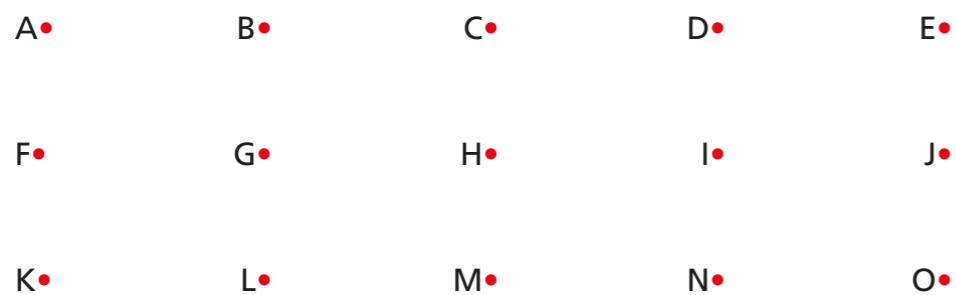_____

b)

Q

R

P

_____

c) How would you describe the angle marked x?

x

Q

R

P

7 Draw the given angles on the grids.

a) Draw angle CLN.

A•   B•   C•   D•   E•

F•   G•   H•   I•   J•

K•   L•   M•   N•   O•

b) Draw angle NLC.

A•   B•   C•   D•   E•

F•   G•   H•   I•   J•

K•   L•   M•   N•   O•
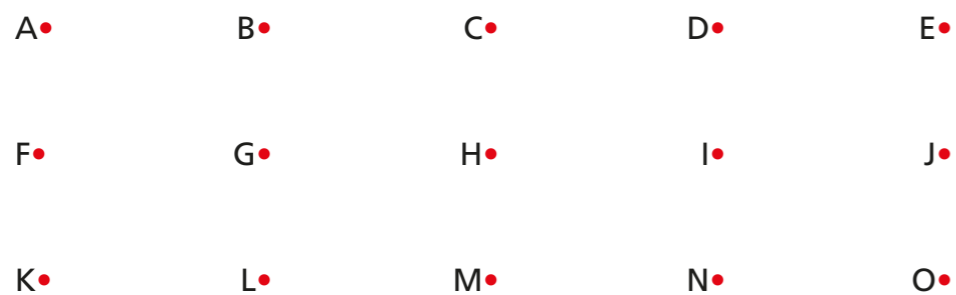
What do you notice?

8 Some lines, angles and shapes have been drawn.

F   E

H

G

I

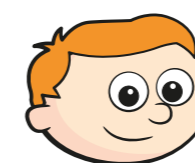J

C   D
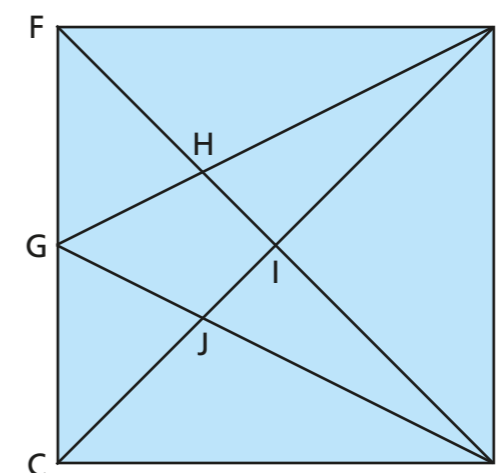
a) Label each angle with the letter shown.

angle x = angle EDI   angle y = angle GHD

b) Using letter notation, write the names of:

● two different triangles _____ _____

● a kite _____

● an arrowhead _____

● a vertical line segment _____

● a horizontal line segment _____

c)

Four letters will always make a quadrilateral.

Prove that Ron is incorrect.