Identifying acute and obtuse angles

Label each angle as either **acute** or **obtuse**.
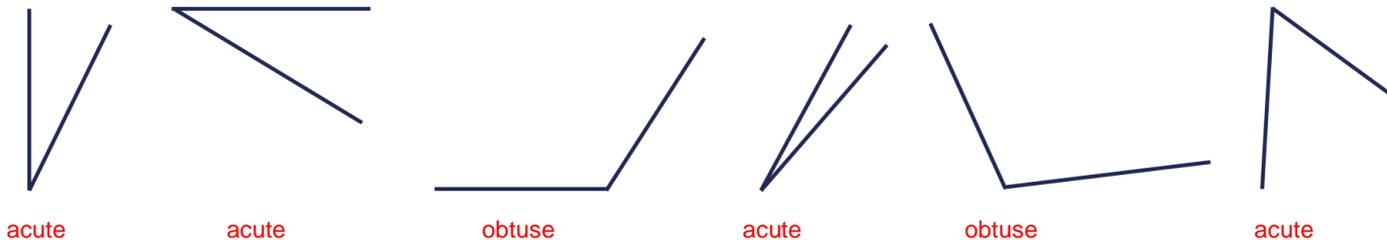
acute   acute   obtuse   acute   obtuse   acute

Choose an angle to complete each sentence.
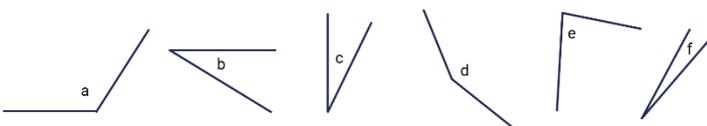
The smallest acute angle is angle f

The largest obtuse angle is angle d

The largest acute angle is angle e

Can I still add two amounts of money?

£4.35 + £2.41 = £6.76   £10.56 + £21.63 = £32.19   £7.67 + 48p = £8.15

Label all the angles in this diagram using the words:
- acute
- obtuse
- right angle

Children may notice where an obtuse angle has been created at the point where two acute angles meet. They may also notice that 3 acute angles have joined to form a straight line.
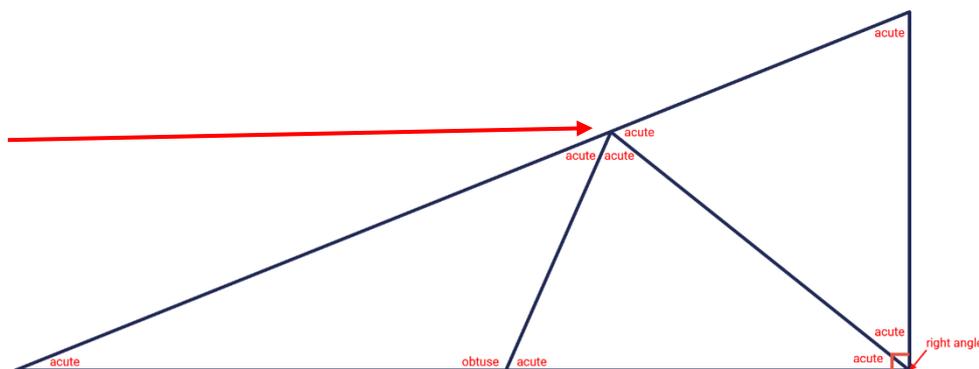
Possible or impossible?

Explain your reasons with a picture or in words.

- A pentagon could have a set of parallel lines and an obtuse angle.

Possible

- A quadrilateral could have a right angle, an obtuse angle, and an acute angle.

Possible

- A triangle could have two right angles.

Impossible – It is not possible to draw a 3-sided shape with two right angles.