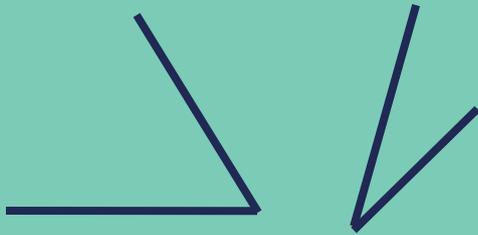


Identifying acute and obtuse angles

WORKED EXAMPLE

An acute angle is smaller than a right angle.

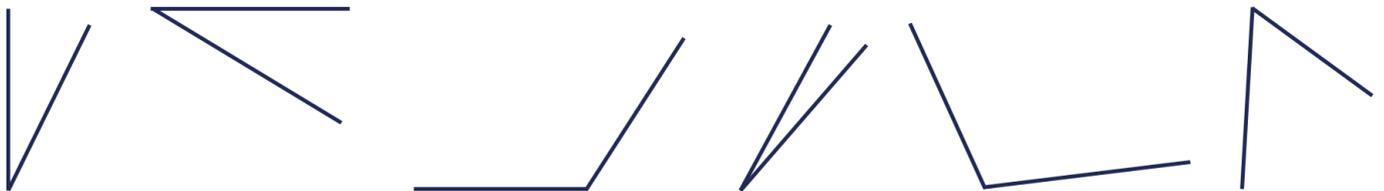


An obtuse angle is larger than a right angle but smaller than two right angle turns.



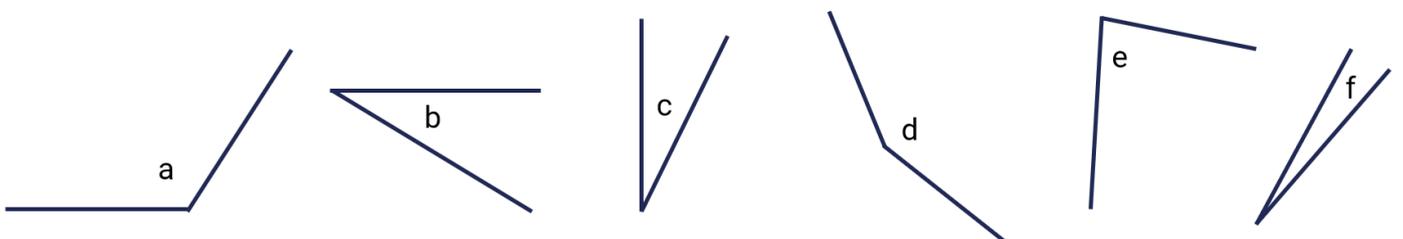
REHEARSE

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



REHEARSE

Choose an angle to complete each sentence.



The smallest acute angle is angle ____

The largest obtuse angle is angle ____

The largest acute angle is angle ____

RETRIEVE

Can I still add two amounts of money?

$$£4.35 + £2.41$$

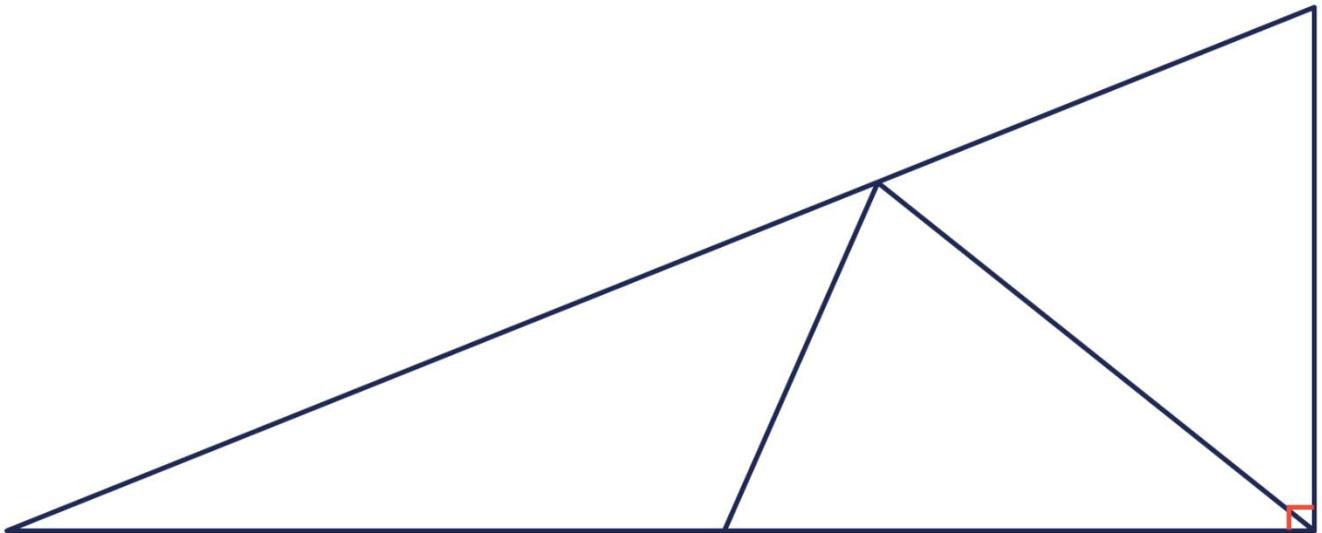
$$£10.56 + £21.63$$

$$£7.67 + 48p$$

APPLY AND EXPLORE

Label all the angles in this diagram using the words:

- acute
- obtuse
- right angle



APPLY AND EXPLORE

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 impossible
- A quadrilateral could have a right angle, an obtuse angle, and an acute angle.
possible impossible
- A triangle could have two right angles.
possible impossible