# Identify angles

**1** Complete the sentences.

Use the word bank to help you.

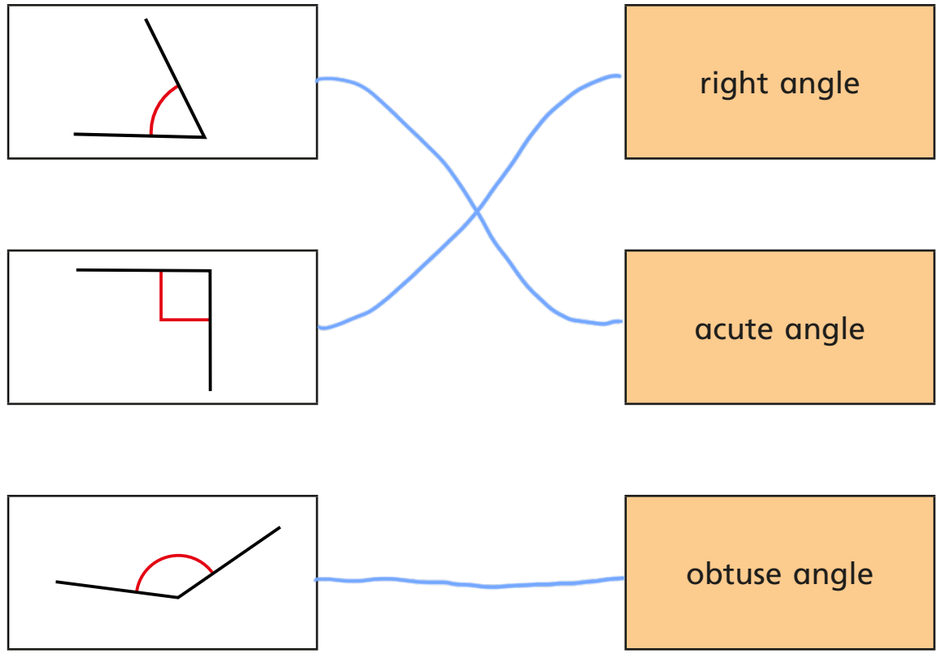
| 90 | 180 | greater | less |
|---|---|---|---|

**a)** A right angle is [90] degrees.

**b)** An acute angle is less than [90] degrees.

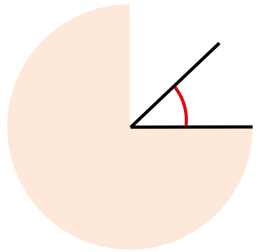
**c)** An obtuse angle is greater than [90] degrees but less than [180] degrees.

**2** Match the angles to the labels.



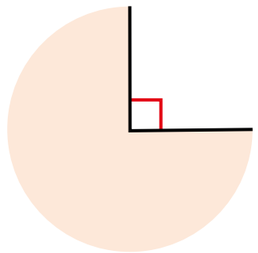

**3** Label the angles: acute, obtuse or right angle.

**a)**



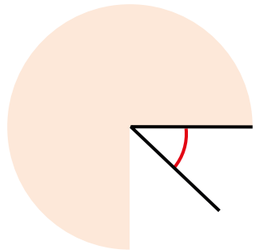
acute

**b)**



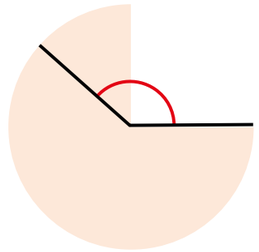
right angle

**c)**



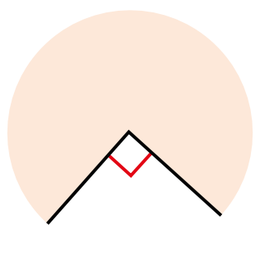
acute

**d)**



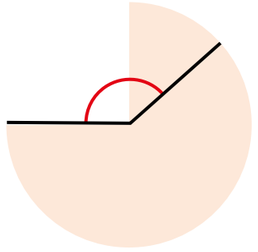
obtuse

**e)**



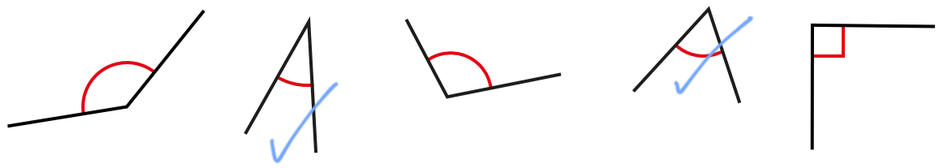
right angle

**f)**

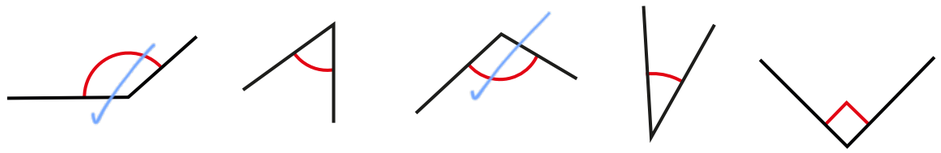


obtuse

**4** Tick all the acute angles.

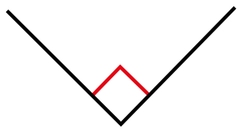


**5** Tick all the obtuse angles.



**6** Label the angles: acute, obtuse or right angle.

**a)**

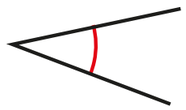


right angle

**b)**

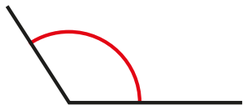
obtuse

**c)**



acute

**d)**



obtuse

**7** Is the angle acute, obtuse or a right angle?

**a)** 35° acute

**b)** 99° obtuse

**c)** 90° right angle

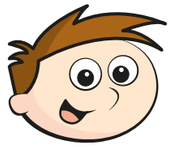
**d)** 89° acute

**e)** 121° obtuse

**f)** 179° obtuse

How do you know?

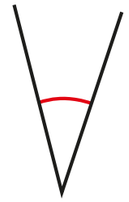
**8**





A

B



Do you agree with Teddy? No

Explain your answer.

**9** Are the statements always true, sometimes true or never true?

Explain your answer.

**a)** An obtuse angle is a greater turn than an acute angle.

Always. Obtuse angles are greater than 90° therefore greater than acute angles which are less than 90°.

**b)** An acute angle is a greater turn than a right angle turn.

Never. Acute angles are less than 90° ie. less than a right angle.

**c)** If you turn through two acute angles you will have turned through an obtuse angle.

Sometimes. E.g. 12° + 12° = 24° (acute) but 50° + 50° = 100° (obtuse)