Identify angles

1 Complete the sentences.

Use the word bank to help you.

| 90 | 180 | greater | less |

a) A right angle is ☐ degrees.

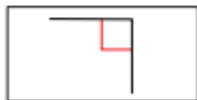**b)** An acute angle is _____ than ☐ degrees.

c) An obtuse angle is _____ than ☐ degrees but less than ☐ degrees.

2 Match the angles to the labels.

right angle
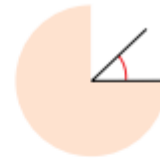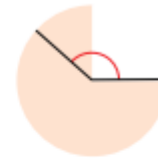
acute angle

obtuse angle

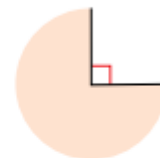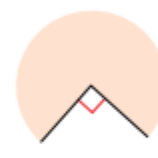**3** Label the angles: acute, obtuse or right angle.

a)
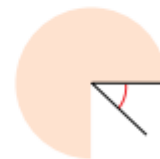
_____

d)

_____

b)

_____

e)

_____

c)

_____

f)

_____

4 Tick all the acute angles.

5 Tick all the obtuse angles.

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

a)

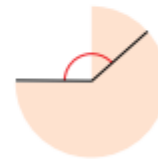_____

c)

_____

b)

_____

d)

_____

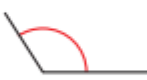**7** Is the angle acute, obtuse or a right angle?

a) 35° _____   d) 89° _____

b) 99° _____   e) 121° _____

c) 90° _____   f) 179° _____

How do you know?

8

Angle B is obtuse because it's bigger than the right angle.

A   B

Do you agree with Teddy? _____

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.

_____

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

_____

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

_____

1 Complete the sentences.

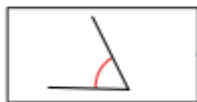Use the word bank to help you.

| 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
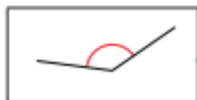but less than **180** degrees.

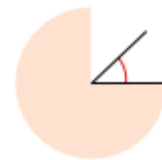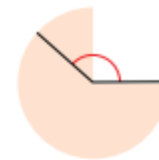**2** Match the angles to the labels.
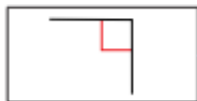
right angle

acute angle

obtuse angle

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

a)

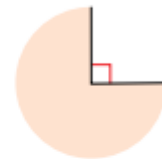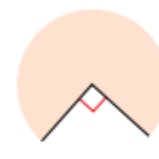_____acute_____

d)

_____obtuse_____

b)

_____right angle_____

e)

_____right angle_____

c)
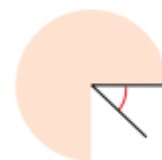
_____acute_____

f)
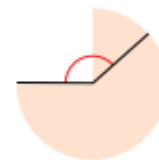
_____obtuse_____

4 Tick all the acute angles.

5 Tick all the obtuse angles.

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

a)

right angle
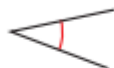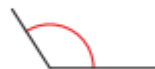
c)

acute

b)

obtuse

d)

obtuse

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

a) 35° __acute__

d) 89° __acute__

b) 99° __obtuse__

e) 121° __obtuse__

c) 90° __right angle__

f) 179° __obtuse__

How do you know?

8

Angle B is obtuse because it's bigger than the right angle.

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° is 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)