

Comparing Angles

Lesson 5

In Focus

MATHS

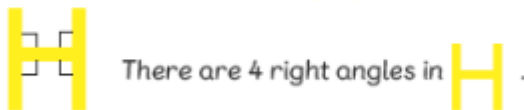
In which letters are there right angles?

Let's Learn

- 1 Are there right angles in T?



- 2 Are there right angles in H?



- 3 Are there right angles in M?



Angles a, b and c are less than a right angle.

We call these acute angles.

An acute angle is smaller than a right angle.

Check using your right-angle tester.



Which other letters have several right angles?



Can you rewrite M so that it has a right angle?

Use a ruler and pencil.



- 4 Are there acute angles in A?



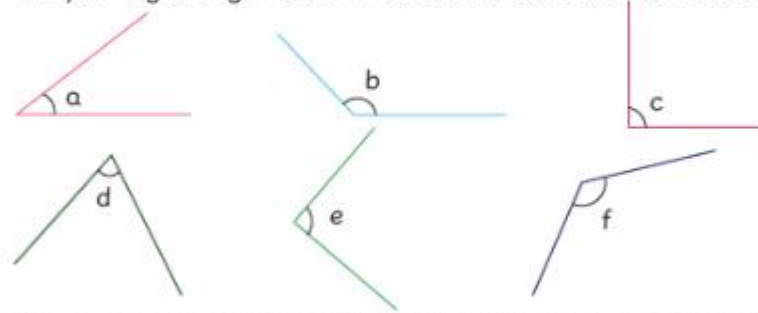
These angles are smaller than a right angle. These are acute angles.

- 5 Are there acute angles in S?

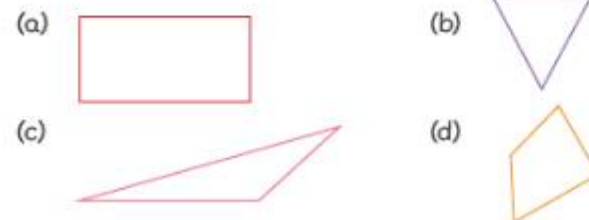
No, angles are made when straight lines meet.

Guided Practice

- 1 Draw an acute angle.
- 2 Which of these are right angles? Use your right-angle tester or the corner of a ruler to find out.



- 3 Which angles in the shapes are right angles and which are acute angles?



Complete Worksheet 5 • Page 149 – 150

Comparing Angles

Lesson 6

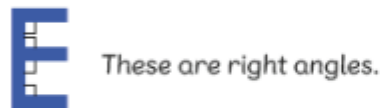
In Focus

ENGLAND

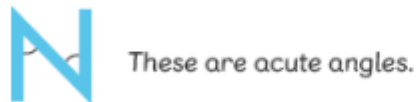
Are there angles that are larger than a right angle in the letters?

Let's Learn

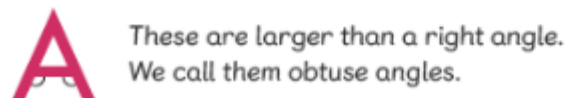
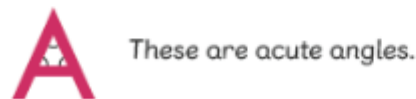
- 1 Are the angles in **E** right angles?



- 2 Are the angles in **N** right angles?



- 3 Are the angles in **A** right angles?



An acute angle is smaller than a right angle.



Obtuse angles are larger than 90° .



Activity Time

Work in pairs.

What you need:



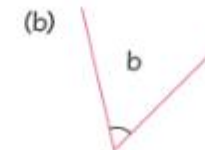
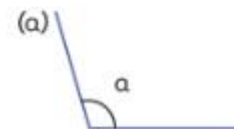
- ① Take two strips of cardboard of the same length.
- ② Join the two strips at one end with a fastener to make your own angle strips.
- ③ Take turns to make different angles.
- ④ Get your partner to say whether each angle is an acute angle, an obtuse angle or a right angle. Use a right-angle tester to check your partner's answers.



Have a go at this if you can. You could use two strips of card or two pencils to make your angles. You don't need to use the fastener.

Guided Practice

- 1 Draw an obtuse angle.
- 2 Is each angle smaller than or larger than a right angle?



- 4 Find a right angle, an acute angle and an obtuse angle.



- 5 Are there obtuse angles in any of these letters?



- 6 Look at the angles in the shape.



Use your right-angle tester to help you.

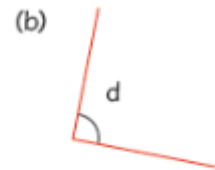


Which angles are right angles, acute angles and obtuse angles? Explain your answers.

- 3 Name the acute angles, the obtuse angles and the right angles.



angle



angle



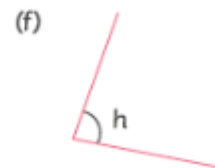
angle



angle



angle



angle