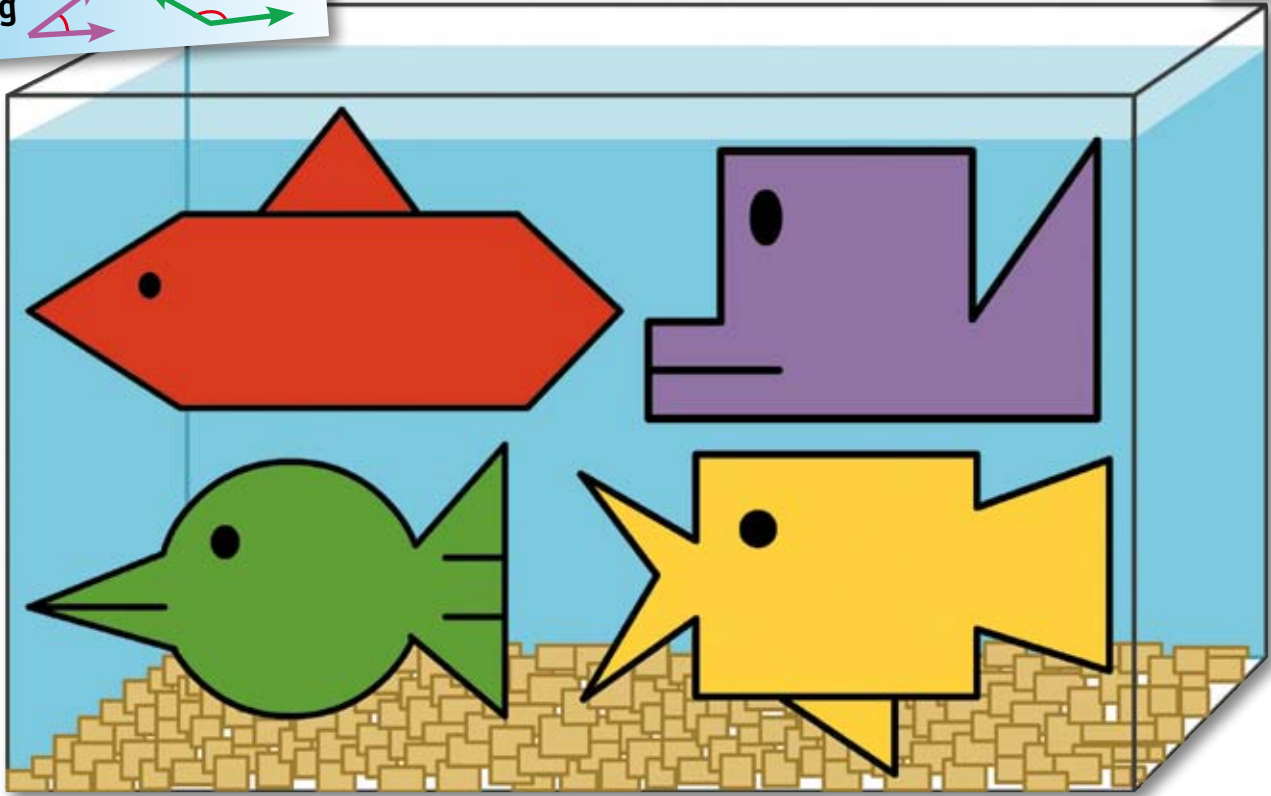


Angle search

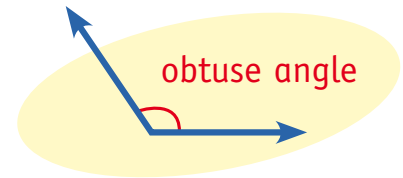
When two straight lines meet they make an angle.

eg

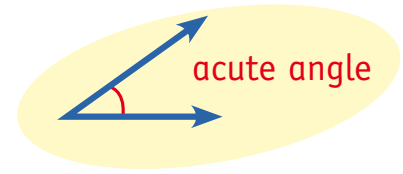


- 1 a What shape is the aquarium? _____
- b What type of angles are at the corners? _____

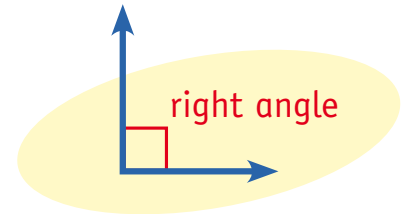
- 2 How many angles can you see inside:
 - a the red fish? _____
 - b the purple fish? _____
 - c the green fish? _____
 - d the yellow fish? _____



- 3 How many right angles can you see inside:
 - a the red fish? _____
 - b the purple fish? _____
 - c the green fish? _____
 - d the yellow fish? _____



- 4 How many obtuse angles can you see inside:
 - a the red fish? _____
 - b the yellow fish? _____

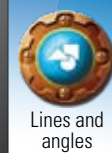


- 5 How many acute angles can you see inside:
 - a the green fish? _____
 - b the purple fish? _____

6 Draw another angle fish.



Angle size



I **A** **B** **C** **D**
 Here are 4 angles. Copy the angle. Draw a larger angle. Draw a smaller angle.

 a	 b	 c	 d
 e	 f	 g	 h
 i	 j	 k	 l
 m	 n	 o	 p

2 Which angle is the largest in:

a column A? _____ b column B? _____ c column C? _____ d column D? _____

3 Which angle is the smallest in:

a column A? _____ b column B? _____ c column C? _____ d column D? _____

4 Look around the classroom and write 3 places where you can see right angles.

Draw a diagram

Draw a house. Colour the right angles blue, colour the acute angles pink, colour the obtuse angles orange.

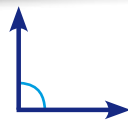


Comparing angles



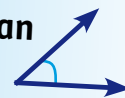
Lines and angles

The corners of this page are square corners. A square corner is called a right angle.



- 1 Colour the right angles red; the angles bigger than a right angle green; the angles smaller than a right angle yellow.

Acute angles are smaller than right angles.

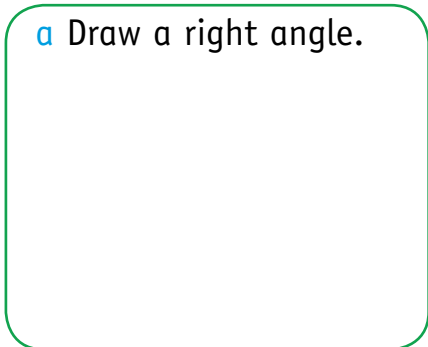


Obtuse angles are larger than right angles.

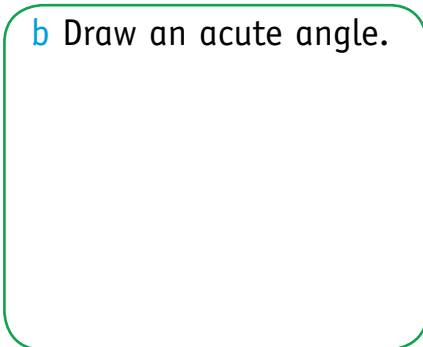


Activity 1: Six angles labeled a through f are shown for classification. Angle a is an acute angle. Angle b is a right angle. Angle c is an obtuse angle. Angle d is a right angle. Angle e is an obtuse angle. Angle f is an acute angle.

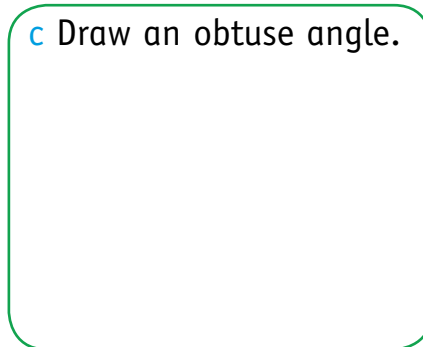
2 a Draw a right angle.



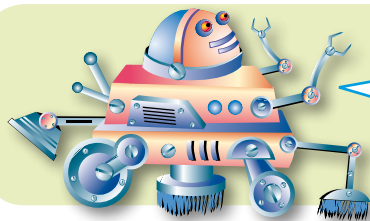
b Draw an acute angle.



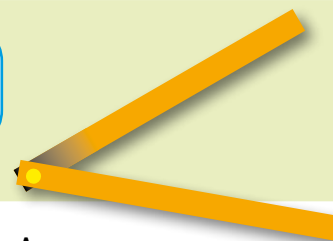
c Draw an obtuse angle.



3



Make a movable angle with 2 strips of cardboard and a fastener.



Use your movable angle to find and circle angles the same as A.

Activity 3: Four angles labeled A, a, b, and d are shown. Angle A is an acute angle. Angle a is an obtuse angle. Angle b is an acute angle. Angle d is a right angle.

