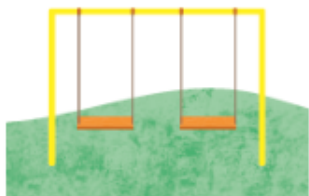


Identifying Perpendicular Lines

Lesson 1

In Focus



Look for two straight lines that meet to make a right angle.

Let's Learn

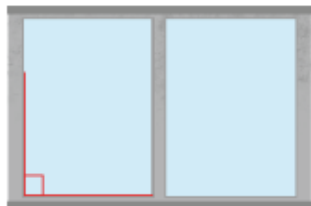
- Find two lines that meet at right angles.



We can use a right-angle tester to check.



- Find two lines that meet at right angles.

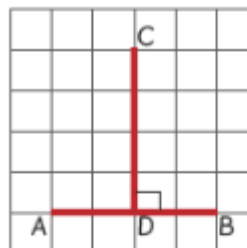


Two straight lines that meet at a right angle are called perpendicular lines.

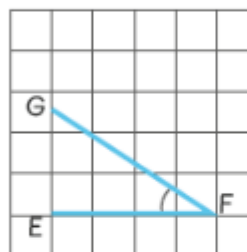
These lines are called perpendicular lines.



- Some lines are drawn on a square grid as shown.



AB and CD meet each other at right angles.
CD is perpendicular to AB.



Do EF and GF meet at a right angle?
Is EF perpendicular to GF?
Why or why not?

We can name lines using letters of the alphabet.



- Which pairs of lines are perpendicular?

JK is perpendicular to LM.	PQ is not perpendicular to RS.	ZX is perpendicular to XY.

Use a right-angle tester to check for right angles.

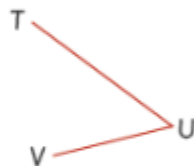
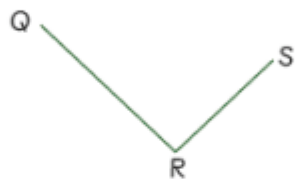
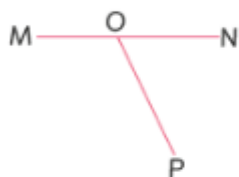


Guided Practice

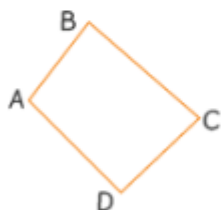
- 1 List the pairs of perpendicular lines you can find on a table.



- 2 Which pairs of lines are perpendicular?



- 3 Which sides of the shapes are perpendicular?



- 4 Which letters have perpendicular lines?

L I N E S