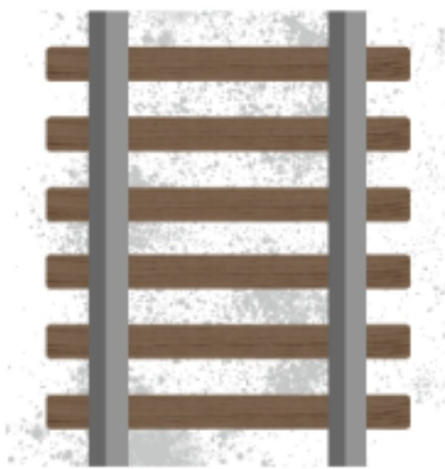


24/2/21 **Lesson 3: Identifying parallel lines**

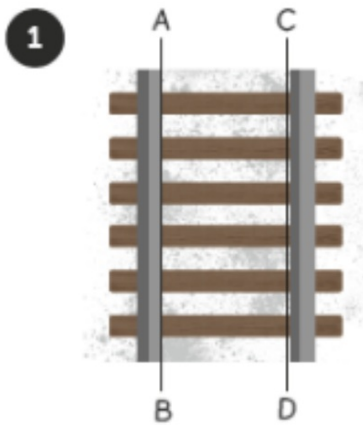


What do you notice about the railway track?

**Look at the lines, can you see any particular ones that you know the names for already?**

Another type of line is called a **parallel lines**.

### Let's Learn



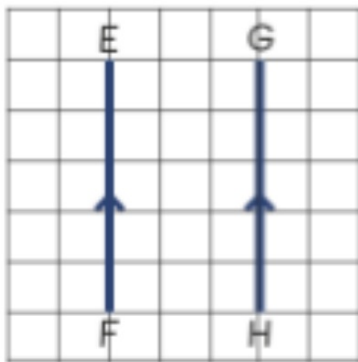
AB and CD do not meet at a point.  
They do not make an angle.  
They are parallel lines.  
Parallel lines do not meet, no matter  
how long they are drawn.

Can you find examples  
of parallel lines  
around you?



2

A pair of lines is drawn on a square grid.  
Are the lines parallel to each other?



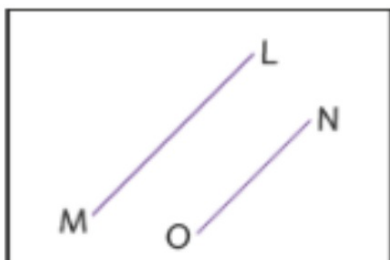
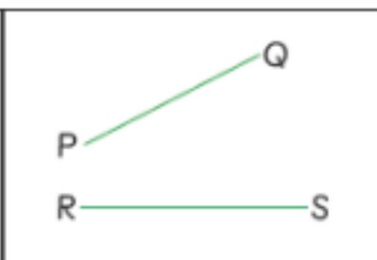
We use arrowheads  
to show that the  
lines are parallel.



EF and GH are parallel.

**Watch 'video 1'**

3 Which pairs of lines are parallel?

	
LM is parallel to NO.	PQ and RS are not parallel to each other.

Are lines that meet at an angle parallel to each other? Why or why not?

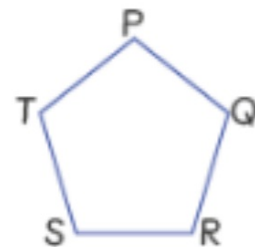
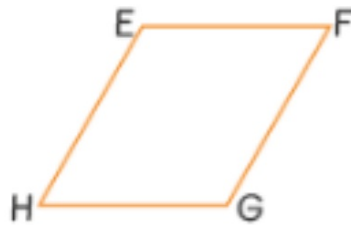
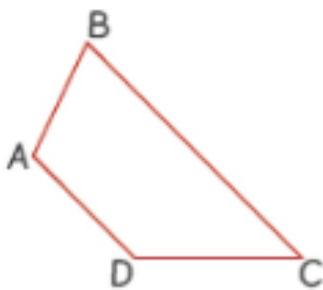


Can you prove that these lines are not parallel? Draw them out onto a piece of paper. What happens to the lines which shows that they are not parallel?

Watch 'video 2'

4

Which sides are parallel?  
How can you tell?



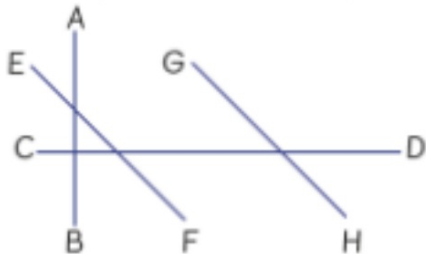
Remember parallel means the lines  
will never meet!

## Guided Practice

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



- 2 Which pairs of lines are parallel?



3 Which sides of the shapes are parallel?



4 Which letters have parallel lines?

M A T H E M A T I C S

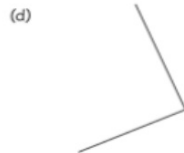
**If you are struggling with the guided practice watch the extra support video for some more help.**

Complete the worksheets.  
If you get stuck watch the  
extra support video again.

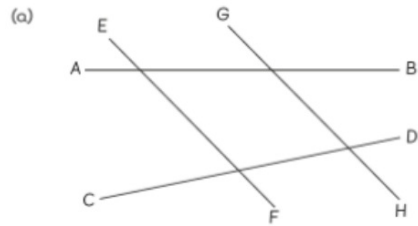
**Worksheet 2**

**Identifying Parallel Lines**

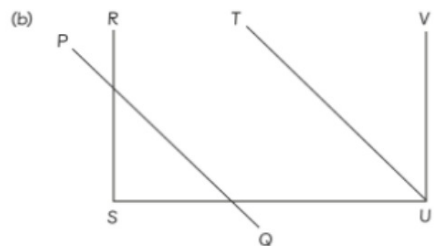
1 Circle the pairs of lines that are parallel.



2 Name the pairs of lines that are parallel.



is parallel to .



is parallel to .

is parallel to .

You can download these  
on the virtual school.



3 Name the sides that are parallel in each shape.

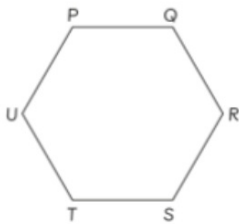
(a)



is parallel to .

is parallel to .

(b)



is parallel to .

is parallel to .

is parallel to .

4 Look at the letters below.

# EXAMINATION

(a) Complete the table.

description	letters
No parallel lines	
1 pair of parallel lines	
More than 1 pair of parallel lines	

(b) Provide another letter not shown above that has parallel lines.

