

# **Year 3 Maths**

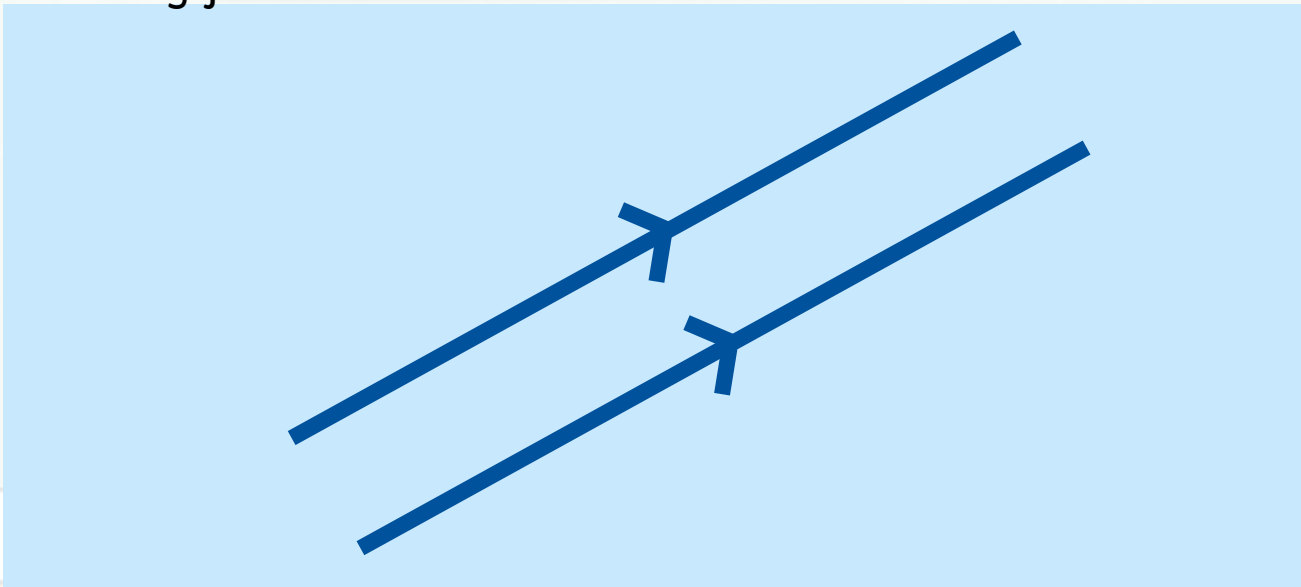
## **Parallel Lines**

## Parallel Lines

Parallel lines run alongside each other in pairs.

They would never meet if they carried on.

They are always the same distance apart and must always stay the same distance away from each other.



They are shown, in maths, with these arrows.

**Are these line parallel?**

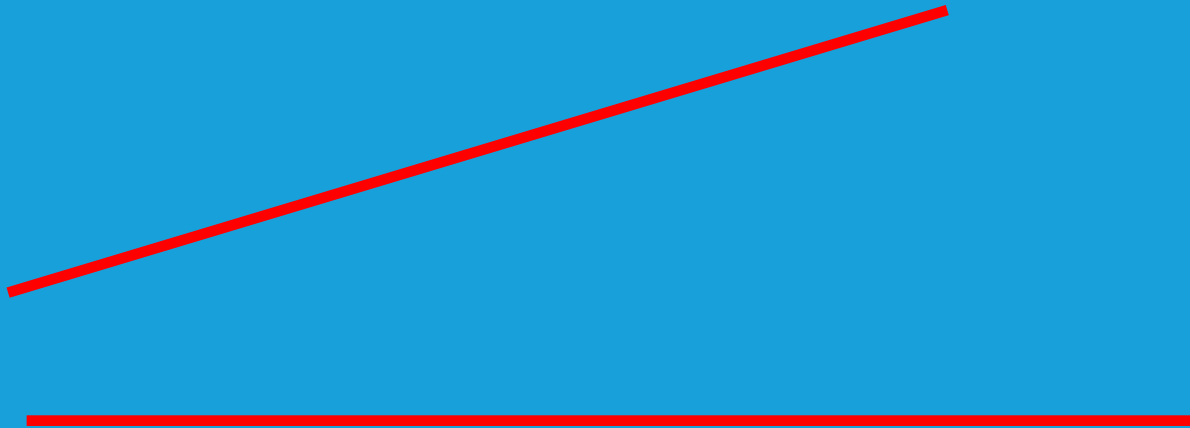


# Are these line parallel?

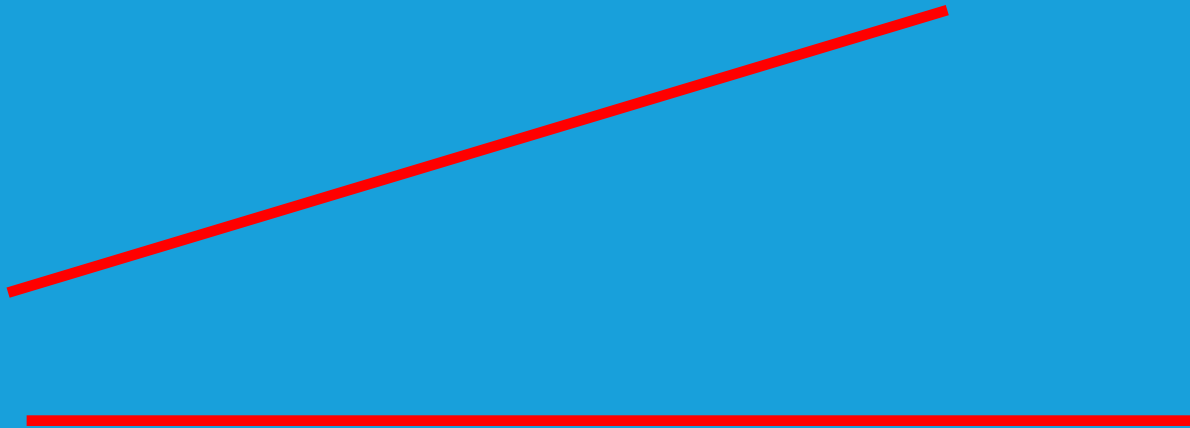


**Yes. They are going in the same direction and they stay the same distance apart.**

**Are these line parallel?**



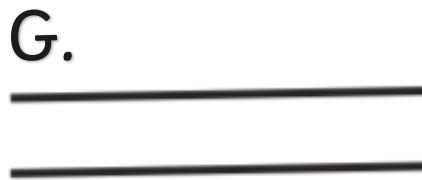
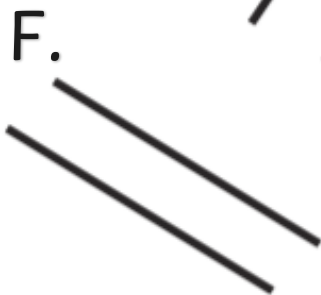
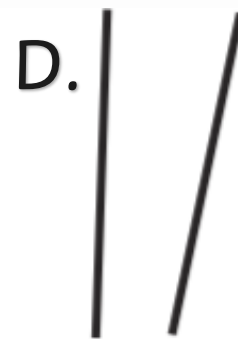
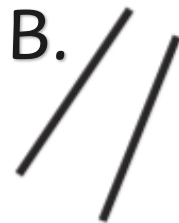
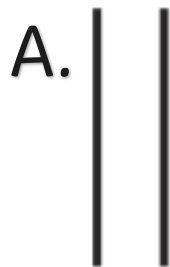
# Are these line parallel?



**No. They are not going in the same direction and they do not stay the same distance apart (the space between the lines gets bigger)**

## Parallel Lines – Task 1

Look at the lines shown below. Write down if each set of lines is parallel or not. For any lines that aren't parallel, can you explain why?



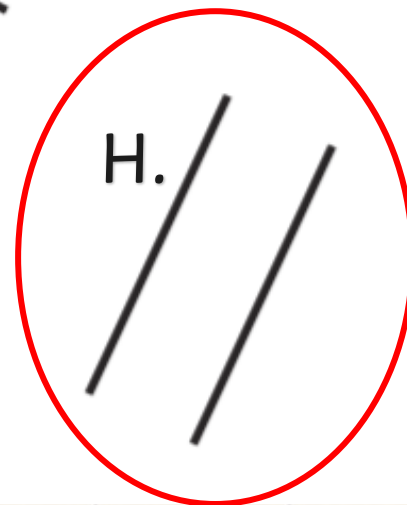
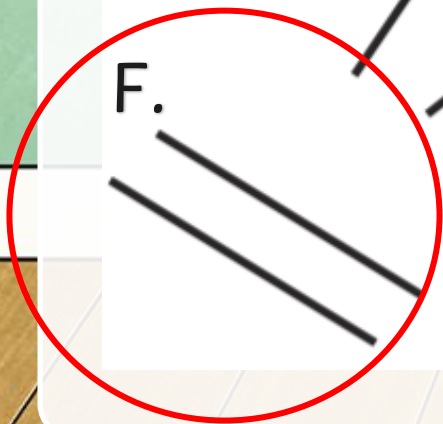
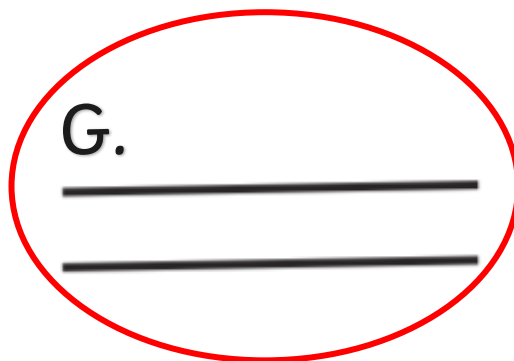
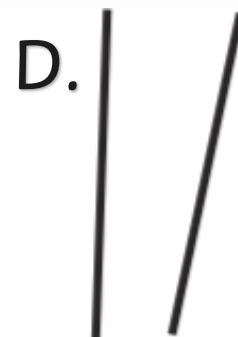
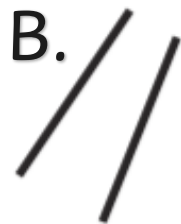
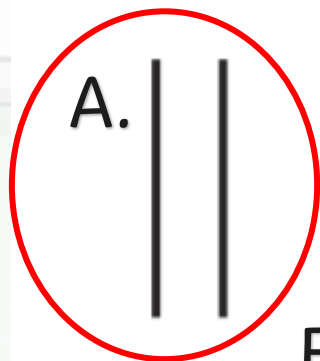
**Check your work on the next page.**

**If you made any mistakes, can you spot why you went wrong?**



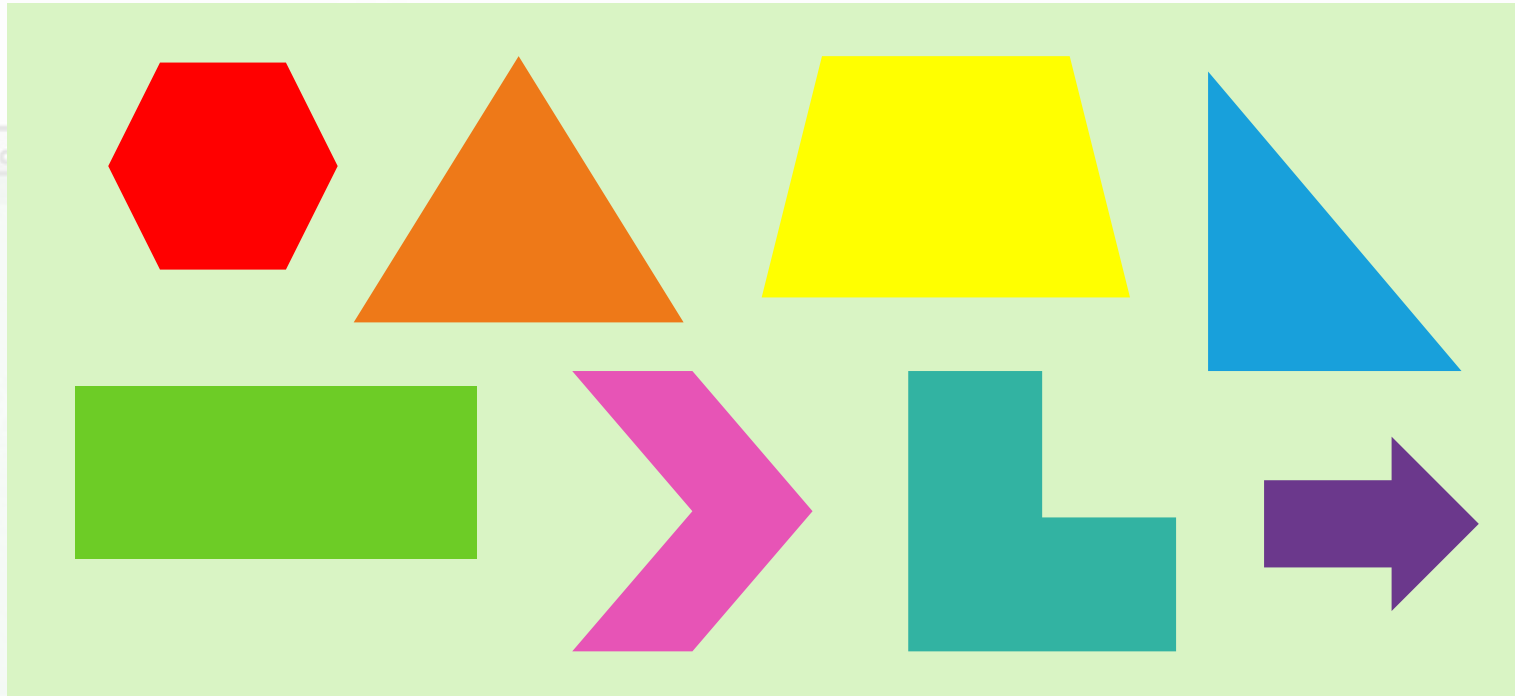
## Parallel Lines - Answers

Lines circled are parallel.



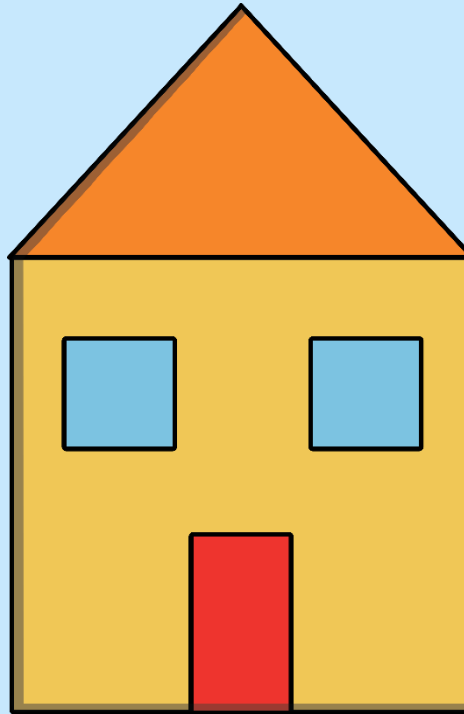
## Parallel Lines – Task 2

Look at these shapes.



How many pairs of parallel lines can you see in each shape?  
Write down how many pairs of parallel lines you can spot in each shape.

Challenge: Identify as many pairs of parallel lines as you can in this picture:



Can you draw your own picture using parallel lines?