

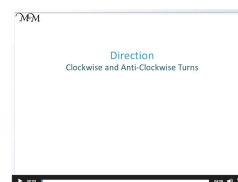
## Year 3 –WC 01.06.20 - Catshill Home Learning

Hello Year 3,

We hope you have had a brilliant half term and have been enjoying the beautiful sunshine outside. We are starting a new topic in maths, Geometry. This week we have suggested some activities for you to try all to do with turns and angles.

### Subject Suggested Activities – Maths

➔ Watch the video to learn about clockwise and anticlockwise turns  
<https://www.mathswithmum.com/clockwise-and-anti-clockwise-turns/>.  
Complete worksheet 1.



➔ Watch the video and have a go at following directions using turns.  
<https://www.bbc.co.uk/bitesize/topics/z2grd2p/articles/zwv6b82>  
Write a set of instructions for someone to follow using the key words below. You could even lead someone to find some treasure!

Clockwise	Quarter turn	Three-quarter turn
Anticlockwise	Half turn	Full turn

➔ Introduction to right angles (worksheet 2)

➔ Create a right angle tester (worksheet 3) or make your own! Write a list of items in your house that have a right angle.



➔ Finding right angles in shapes (worksheet 4)

### Other website links

Times tables practise <https://trockstars.com/>

Additional guidance and reasoning questions

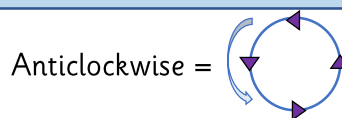
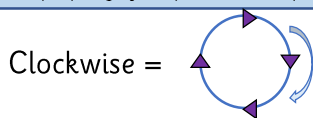
<https://whiterosemaths.com/wp-content/uploads/2019/05/Year-3-2018-19-Summer-Block-3-Properties-of-Shape.pdf>

Daily lessons for all subjects <https://www.bbc.co.uk/bitesize/tags/zmyxxyc/year-3-and-p4-lessons/1>

We miss you all.

Take care and stay safe!

Miss Moody and Mrs Braiden-Smith ☺

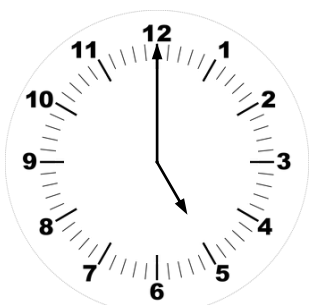


Draw what the arrow will look like once it has turned.

	Quarter turn clockwise	
	Full turn anticlockwise	
	Three quarter turn anticlockwise	
	Half turn clockwise	

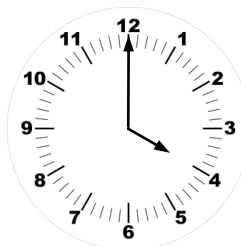
	Half turn anticlockwise	
	Quarter turn anticlockwise	
	Full turn clockwise	
	Three quarter turn anticlockwise	

Turn the minute hand one quarter of a turn clockwise.

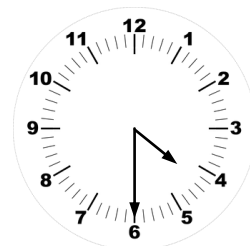


Where is the large hand pointing?

What turn has the minute hand made?  
Circle the correct statement.

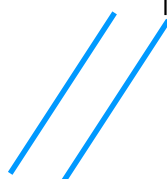


quarter turn clockwise

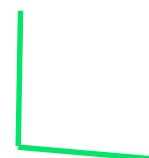


half turn clockwise

Tick the images where you can see an angle.

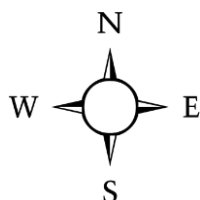

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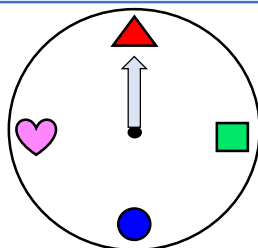
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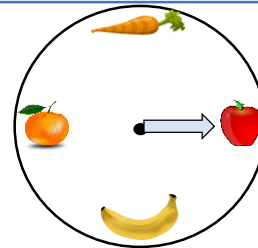
Start at North. Turn three quarters anticlockwise.  
Which direction are you facing?





What turn needs to be made for the arrow to point at the heart?

quarter turn anticlockwise  
quarter turn clockwise



What turn needs to be made for the arrow to point at the carrot?

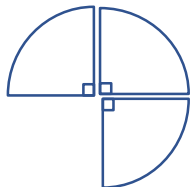
quarter turn anticlockwise  
half turn clockwise



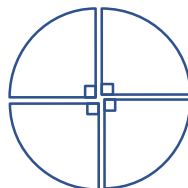
$\frac{1}{4}$  of a turn = \_\_\_\_ right angle



$\frac{1}{2}$  of a turn = \_\_\_\_ right angles



$\frac{3}{4}$  of a turn = \_\_\_\_ right angles



Full turn = \_\_\_\_ right angles

Sort the shapes based on the number of right angles they have.



A



B



C

Zero Right Angles	One Right Angle	Two Right Angles	Three Right Angles	Four Right Angles



A



B



C

Zero Right Angles	One Right Angle	Two Right Angles	Three Right Angles	Four Right Angles



A



B



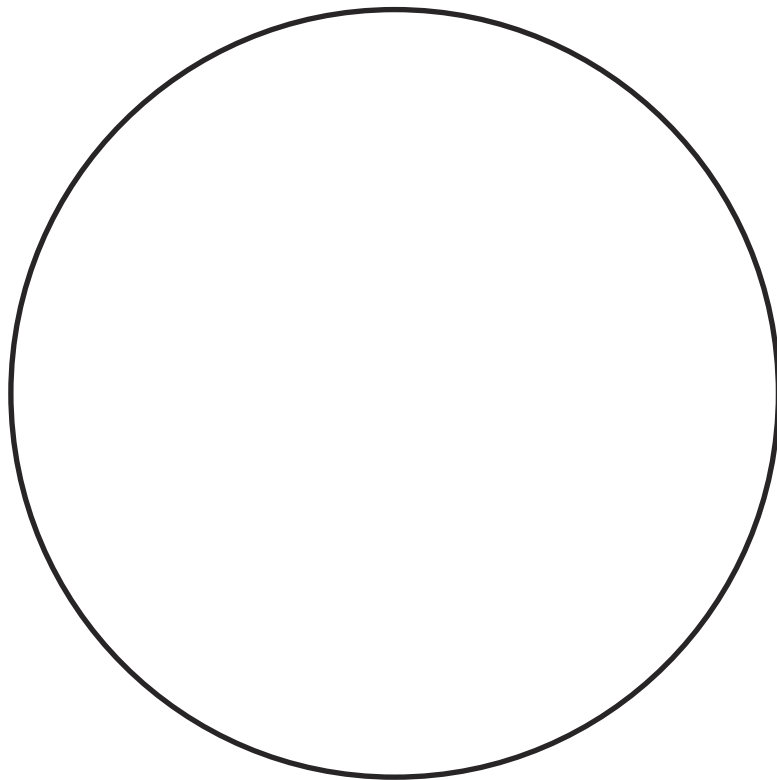
C

Zero Right Angles	One Right Angle	Two Right Angles	Three Right Angles	Four Right Angles

# Make a Right Angle Checker

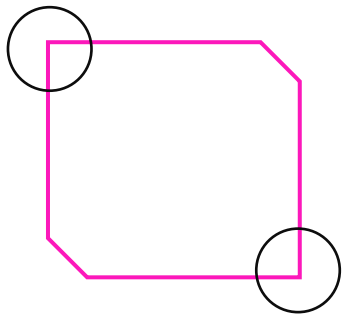
## Instructions

1. Cut out the circle.
2. Fold it in half.
3. Now, fold it in half again.
4. You can now check for right angles!



Circle the right angles if there are any on the shapes below. Number one has been done for you.  
Mark an ✖ on the shapes that do not have any right angles.

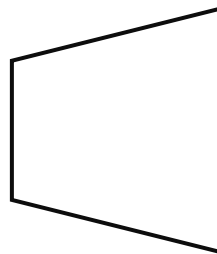
1.



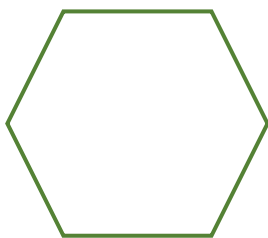
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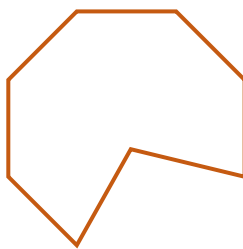
3.



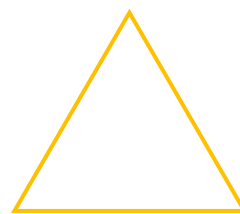
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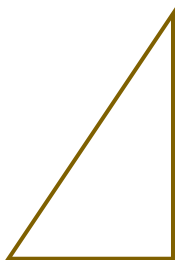
5.



6.



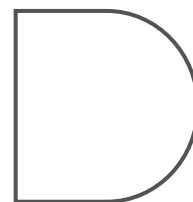
7.



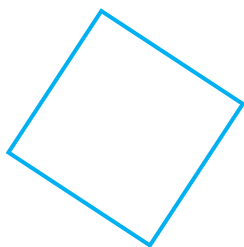
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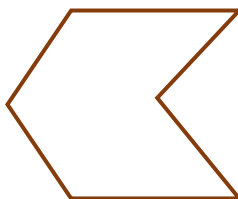
9.



10.



12.



13.



I am very confident.



I am confident.



I would like more practice.