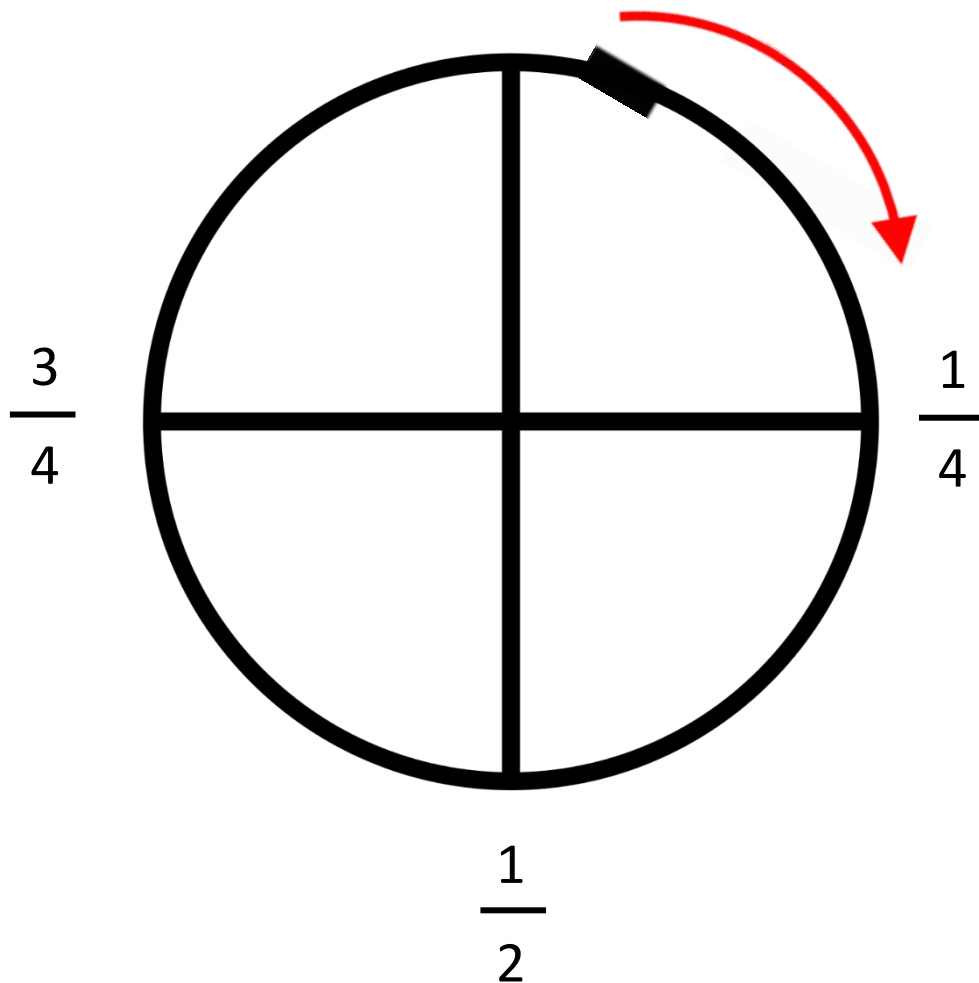


LO: To understand $\frac{1}{4}$ $\frac{1}{2}$ and $\frac{3}{4}$ turns

Hi guys, I hope you are now awesome at telling the time after practising for the last 3 weeks! This week's lessons are all on Geometry (mainly looking at shape). Having practised your N, S, E and West directions in Geography, you should be find this first lesson a little bit easier as it's all about turns.



There are two ways you can turn – Clockwise or Anti-Clockwise. Can you work out the difference between them?

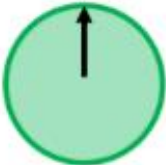
For today's task, ask you parents to tell you turns to make, can you make them? Pretend you are a robot and must follow the instructions exactly as a robot would. So if your parents said make a $\frac{1}{4}$ turn clockwise, which way would you turn? How far would you turn?

Once you have practised with your parents, draw a set of directions going from your kitchen to your living room only using turns (don't forget which direction) and steps. If you want to make this harder, change rooms so that the room you

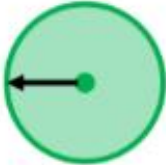
have to get to is further away. To make it simpler, either stay in the same room or keep practising the turns until you have mastered that.

Here is a bonus challenge:


The arrow on a spinner started in this position.



After making a turn it ended in this position.




Jack says,



The arrow has moved a quarter turn anti-clockwise.

Alex says,



The arrow has moved a three-quarter turn clockwise.

Who do you agree with?