



Going Round In Circles

Try to suggest efficient methods to answer the following questions.
You could use mental strategies, pencil and paper, or calculator methods.

- If it is autumn now, what season will it be in 100 seasons?
- If it is November, what month will it be in 1000 months?
- A railway line has 27 stations on a circular loop. If I fall asleep and travel through 312 stations, where will I end up in relation to where I started?
- If it is midday now, will it be light or dark in 539 hours?
- If a running track is 400 metres around, where will I be in relation to the start after running 6 miles (approximately 9656 metres)?
- I was facing North and then spun around through 945° clockwise. In what direction was I facing at the end?
- If I get on at the bottom of a fairground wheel and the wheel turns through 5000° , whereabouts on the wheel will I be?

Can you create some similar questions of your own?