

# Tiring Teamwork

You need  a photocopy of the copymaster (optional)

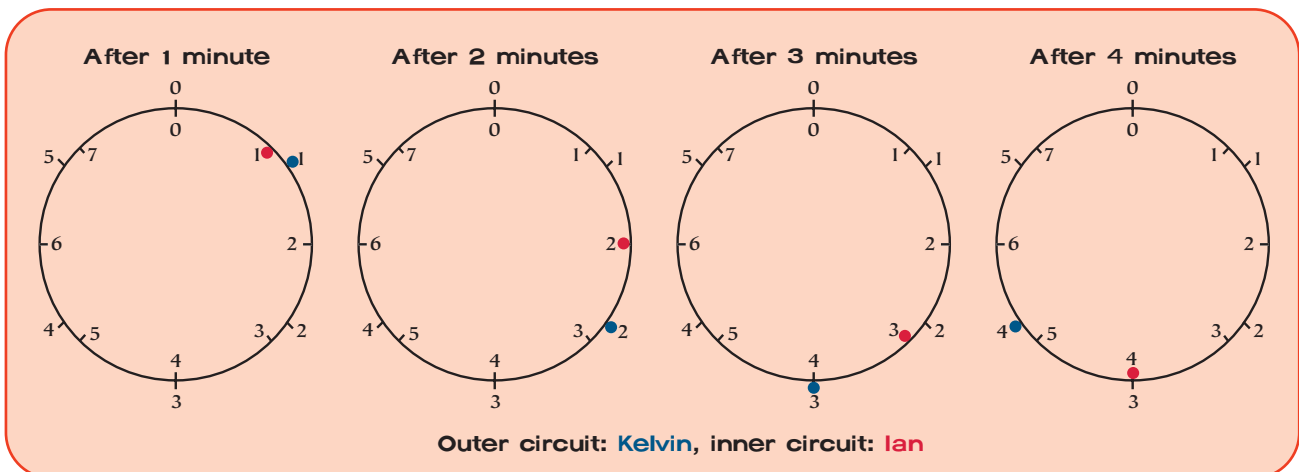
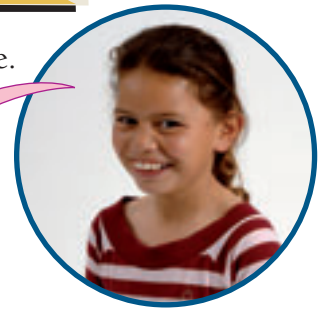
## Activity



Orchid Street School is holding a 12 hour relay as part of its fitness programme. Kelvin takes 6 minutes to walk around the track. Ian takes 8 minutes, and Kate takes 10 minutes.

1. Kelvin and Ian start at the same time. How soon will Kelvin lap Ian?

*We could model this using counters ...*



Explain your answer to a classmate, for this and the following questions.

2. Later, Kate and Ian start together. How soon will Ian lap Kate?
3. Kelvin and Kate then start together. How soon will Kelvin lap Kate?