

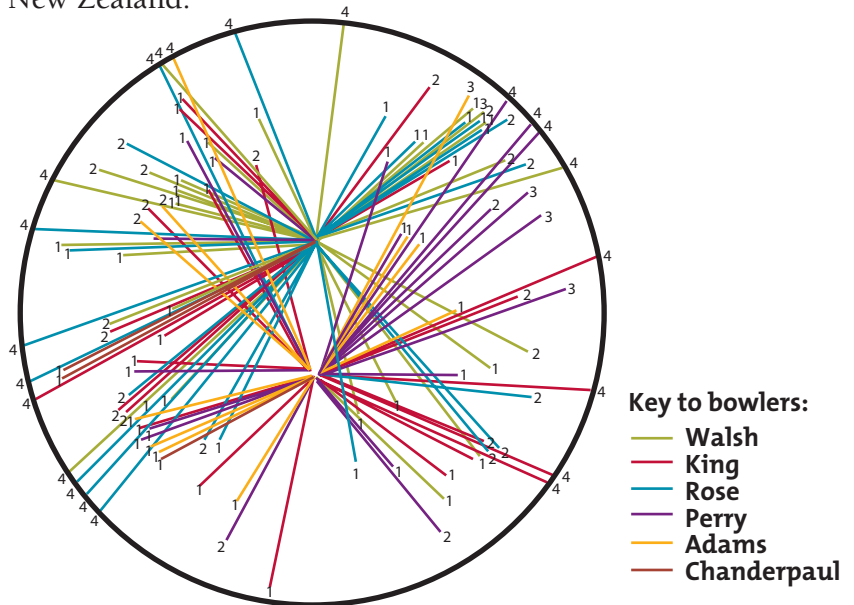
# Hitting Fours



## Activity

A batter's scoring shots in a cricket innings can be shown on a "wheel". The wheel shows where each shot went and how many runs were scored off it.

This is the wheel for Mathew Sinclair's maiden test innings for New Zealand.



Mathew's scoring shots are summarised in the table below:

Bowler	Balls	Mathew's runs				Total runs
		1s	2s	3s	4s	
C. A. Walsh	127	18	6		5	50
R. D. King	79	10	9		5	48
F. A. Rose	84	10	8		8	58
N. O. Perry	72	12	3	3	3	39
J. C. Adams	76	6	2	1	1	17
S. Chanderpaul	9	2				2
<b>Totals</b>	<b>447</b>	<b>58</b>	<b>28</b>	<b>4</b>	<b>22</b>	<b>214</b>

1. Use the information in the table to work out the total runs for each score off a shot (1, 2, 3, or 4 runs) that Mathew hit. (This is not each bowler's total.)
2. What fraction of Mathew's total was scored by fours?
3. A full run is 18 metres. Batters do not run the full distance when shots reach the boundary (four runs). Each batter also runs when their partner is scoring runs.

Estimate how far Mathew may have run during his innings.