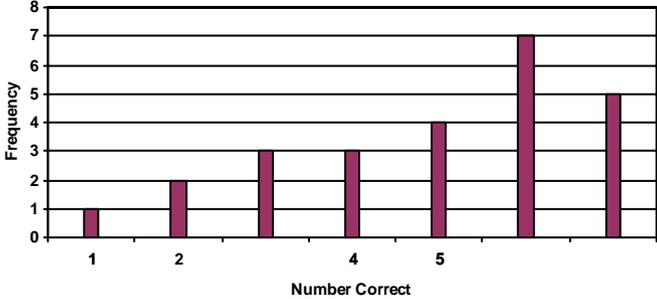
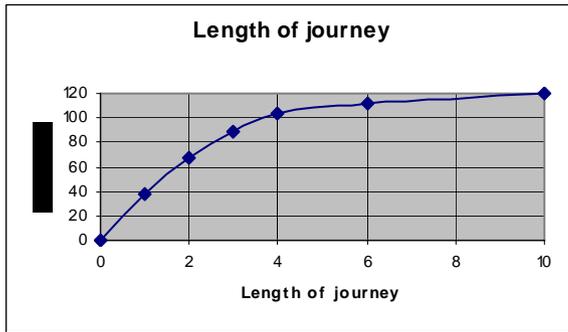




<p><b>2</b></p> <p><b>(i)</b></p>	 <p style="text-align: center;">Number Correct</p>	<p>G1 Labelled linear scales</p> <p>G1 Height of lines</p>	<p><b>2</b></p>
<p><b>(ii)</b></p>	<p>Negative (skewness)</p>	<p>B1</p>	<p><b>1</b></p>
<p><b>(iii)</b></p>	<p><math>\Sigma fx = 123</math> so mean = <math>123/25 = 4.92</math> o.e.</p> $S_{xx} = 681 - \frac{123^2}{25} = 75.84$ $\text{M.s.d} = \frac{75.84}{25} = 3.034$	<p>B1</p> <p>M1 for <math>S_{xx}</math> attempted</p> <p>A1 FT their 4.92</p>	<p><b>3</b></p>
<p><b>(iv)</b></p>	<p>Total for 25 days is 123 and totals for 31 days is 155. Hence total for next 6 days is 32 and so mean = 5.33</p>	<p>M1 <math>31 \times 5 - 25 \times</math>their 4.92</p> <p>A1 FT their 123</p>	<p><b>2</b></p>
		<p><b>TOTAL</b></p>	<p><b>8</b></p>

3

(i)



G1

G1

G1

For calculating  
38,68,89,103,112,120  
Plotting end points  
Heights inc (0,0)

(ii)

Median = 1.7 miles

B1

Lower quartile = 0.8 miles

M1

Upper quartile = 3 miles

M1

Interquartile range = 2.2 miles

A1 ft

(iii)

The graph exhibits positive skewness

E1