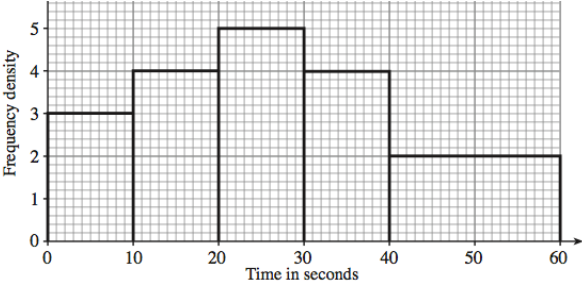


Name: \_\_\_\_\_

July 20	5-a-day	Higher												
Solve $7x + 3 = 30 - 3x$														
Write $0.3434343434\dots$ as a fraction														
<p>A group of students complete a puzzle.</p> <p>Work out how many students took part?</p>	 <table border="1"><caption>Histogram Data</caption><thead><tr><th>Time Interval (seconds)</th><th>Frequency Density</th></tr></thead><tbody><tr><td>0 - 10</td><td>3</td></tr><tr><td>10 - 20</td><td>4</td></tr><tr><td>20 - 30</td><td>5</td></tr><tr><td>30 - 40</td><td>4</td></tr><tr><td>40 - 60</td><td>2</td></tr></tbody></table>	Time Interval (seconds)	Frequency Density	0 - 10	3	10 - 20	4	20 - 30	5	30 - 40	4	40 - 60	2	
Time Interval (seconds)	Frequency Density													
0 - 10	3													
10 - 20	4													
20 - 30	5													
30 - 40	4													
40 - 60	2													
A number is increased by 30% and then decreased by 25%. What is the overall percentage change?														
<p>A plant is 30cm tall when planted in a garden. It grows by 10% a week.</p> <p>How long will it take to reach 1m tall?</p>														