

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

<b>July 13</b>	<b>5-a-day</b>	<b>Higher</b>
What is the reciprocal of 8?	What is the reciprocal of 0.4?	
A item in a shop is increased in price by 20% and then decreased in price by 20% a month later.  Is there an overall increase or decrease in price and by how much?		
The length of a 80m running track is correct to the nearest metre.  The time taken for Nicole to run the distance is 13.6 seconds measured to the nearest one-tenth of a second.	What is the slowest possible average speed?	
A helicopter takes off from town A and travels 10 miles on a bearing of $090^\circ$ and then 15 miles on a bearing of $180^\circ$ to land at town B.  What is the bearing of B from A?		
A football team obtains 3 points for a win, 1 point for a draw and no points for a loss.  For any match $P(\text{win}) = 0.6$ $P(\text{draw}) = 0.3$ $P(\text{loss}) = 0.1$	The team plays 3 matches. What is the probability of the team obtaining exactly 7 points?	