

Name: _____

November 23	5-a-day	Foundation										
Simplify $a \times a \times a$	Simplify $a^5 \times a^7$											
Expand and simplify $9y + 3(5 - 4y) + 7y$												
<table border="0"><tr><td>Score</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>Probability</td><td>0.4</td><td>0.2</td><td>0.15</td><td>x</td></tr></table>	Score	1	2	3	4	Probability	0.4	0.2	0.15	x	Find x. The game is played 200 times, how many 4's are expected?	
Score	1	2	3	4								
Probability	0.4	0.2	0.15	x								
Two towns are 140km apart. The scale of a map is 1:2000000 How far are the towns apart on the map in centimetres?												
Solder is made from tin and lead. The ratio of tin to lead is 1:2 Work out the weight of tin and lead in 360g of solder												