Name: _____

July 21	5-a-day	Higher

A maths textbook has mass 800g to the nearest 100g. What is the greatest possible mass of 10 books?	A shelf can safely hold 30kg of books. How many books can safety be held by the shelf?
£400 is invested at 5% interest per annum for 6 years. How much interest is earned?	
Simplify $\sqrt{75}$	Simplify $\sqrt{1000}$
Make u the subject $$v^2 = u^2 + 2as$$	
Matt thinks of two consecutive numbers. He squares the numbers and works out the difference between them. He notices this is the same as the sum of the two consecutive numbers. Prove using algebra.	