

Name: _____

July 18	5-a-day	Higher
Solve $2x - 9 < 4$	If x is a positive integer, write down all the values of x which satisfies $2x - 9 < 4$.	
In a sale, all holidays are reduced by 15%. If a holiday in the sale costs £697, what was the normal price of the holiday?		
Simplify fully $\frac{w}{w+3} - \frac{5}{w(w+3)}$		
The cost of a trip is directly proportional to the square root of the distance. The cost is £600 when the distance is 900 miles.	Find a formula connecting the cost, C , and the distance, d .	
Find the cost of a 400 mile trip.		