Name   Date

ALGEBRA WORD PROBLEMS SHEET 3 (UK version)
ANSWERS

1)	A chicken weighs **t** lb. It needs to be cooked for 20 minutes per lb plus an extra 15 minutes. What is the total cooking time?	=	20t+15 minutes
2)	I put £100 in a savings account at **v**% yearly interest. How much money will I have in my account at the end of a year?	=	£100+v
3)	I get £**m** for my birthday. I spend half the money, but get given an extra £50. How much money do I have now?	=	£½ m+50
4)	A calculator costs £**d**. A schools buys 90 calculators, and gets a £100 discount for bulk purchasing. How much did the school spend?	=	£90d - 100
5)	A square has sides of **t** cm. What is the area of the square?	=	t^2 cm^2
6)	A rectangle measures **w** inches by **h** inches. What is the perimeter of the rectangle?	=	2(w+h) or 2w+2h inches
7)	I have £**g**. I spend half my money on a console game and £20 on a console controller. How much money do I have left?	=	£ ½g - 20
8)	I need to buy **p** pencils. I buy 4 packs of 7 pencils, but I still need a few more. How many pencils did I buy?	=	4x7=28 pencils (trick question)
9)	A car travels 120 miles in **h** hours. What is the average speed in miles per hour?	=	120/h