Year 6 Homework, Spring Term Week 11

Maths: Super Six

1) What is fifty multiplied by seventy?
2) Round 79.34 to one decimal place
3) If x = -4, calculate the value of:
   $2x^2 + x$
4) 5miles = 8km. How many km in 40 miles?
5) 20 – 14.6 =
6) Work out: $\dfrac{2}{3} \div 8$

1) Work out the height of a triangle with a base 6m and area 27m².
2) If the probability of a win is 0.24 and the probability of a draw is 0.16, what is the probability of a loss?
3) A yogurt costs 75p.
How many yogurts can be bought for three pounds?
4) If x + y = 8, find the value of y when x = -1
5) In a group of 48 children, there are three times as many boys as girls. How many girls are there?
6) Which fraction is equal to ⅗?
   $^4/_{12}$ $^6/_{10}$ $^5/_{15}$

Reading Comprehension:

Complete the reading comprehension for *Harry Potter and the Chamber of Secrets*. There are three levels of questions to attempt (1 is easiest).

Spellings

Core	Support
exceptional	football
exaggerate	anybody
circus	something
circular	sometimes
civil	tablecloth
certain	cupboard
deceit	weekend
conceit	goodwill
perceive	cloakroom
exhale	windmill
expedition	after
experiment	under
impress	soon
impression	room
Asian	actually
Russian	accidentally
stopped	
jumped	
communicate	
community	

Maths Extension:

One bonus house point available

Here is a rule for the time it takes to cook a chicken.

Cooking time = 20 minutes plus an extra 40 minutes for each kilogram

How many minutes will it take to cook a 3 kg chicken?

minutes

What is the mass of a chicken that takes 100 minutes to cook?

kg