

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) 5 miles = 8km. How many km in 40 miles?
- 5) $20 - 14.6 =$
- 6) Work out: $\frac{2}{3} \div 8$

- 1) Work out the height of a triangle with a base 6m and area 27m^2 .
- 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 $\frac{3}{5}$?
 $\frac{4}{12}$ $\frac{6}{10}$ $\frac{5}{15}$

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

Support	Core	Extension
football anybody something sometimes tablecloth cupboard weekend goodwill cloakroom windmill after under soon room actually accidentally	exceptional exaggerate circus circular civil certain deceit conceit perceive exhale expedition experiment impress impression Asian Russian stopped jumped communicate community	Stationary Glossary Commentary Documentary Adversary Anniversary Exemplary Library Preliminary Particularly Please complete 3 sentences using vocabulary from the Words to sharpen your expression list (click on this link).

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 3kg chicken?

minutes

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

kg