

# SATS Revision Homework Sheet

DABs At Liskeard Tutoring

## 9 - Fractions

Q1. Colour in the fractions that are equivalent to:-

a)  $\frac{1}{2}$  - Red      b)  $\frac{1}{4}$  - Blue      c)  $\frac{3}{4}$  - Green      d)  $\frac{1}{5}$  - Yellow

$\frac{2}{10}$	$\frac{5}{10}$	$\frac{2}{8}$	$\frac{2}{4}$	$\frac{6}{8}$	$\frac{9}{12}$	$\frac{3}{15}$	$\frac{4}{8}$	$\frac{10}{40}$
	$\frac{5}{20}$	$\frac{3}{15}$	$\frac{50}{100}$	$\frac{75}{100}$	$\frac{25}{100}$	$\frac{20}{40}$	$\frac{3}{6}$	

Q2. Order these fractions according to size, biggest first:-

(Hint - Make the denominators the same)

- a)  $\frac{2}{5}, \frac{6}{10}, \frac{1}{2}$       b)  $\frac{3}{4}, \frac{7}{12}, \frac{2}{3}$       c)  $\frac{1}{4}, \frac{3}{8}, \frac{2}{6}$   
d)  $\frac{7}{10}, \frac{3}{5}, \frac{3}{4}$       e)  $\frac{3}{4}, \frac{5}{8}, \frac{4}{6}$       f)  $\frac{5}{6}, \frac{9}{12}, \frac{7}{9}$

Q3. Work out these fractions of amounts:-

(Hint - Divide by the denominator/bottom number, then multiply by the numerator/top number)

- a)  $\frac{2}{5}$  of 20      b)  $\frac{3}{4}$  of 24      c)  $\frac{2}{3}$  of 30  
d)  $\frac{1}{4}$  of 60      e)  $\frac{3}{5}$  of 35      f)  $\frac{4}{7}$  of 42  
g)  $\frac{7}{9}$  of 54      h)  $\frac{6}{7}$  of 63      i)  $\frac{5}{6}$  of 126  
j)  $\frac{4}{7}$  of 84      k)  $\frac{9}{13}$  of 104      l)  $\frac{8}{11}$  of 121

Q4. ...and now some word problems:-

(Hint - Make sure you read the question carefully - what are you supposed to find out?)

- a) A squirrel stores 40 nuts in a tree hollow. The big bad fox comes along and steals  $\frac{3}{5}$  of the nuts. How many nuts does the squirrel have left?  
b) At Cottam,  $\frac{2}{3}$  of the 120 infants like chocolate. How many children is this? Of the chocolate lovers,  $\frac{5}{8}$  say that Mars bars are their favourites. How many children is this?  
c) Mike receives £3.20 pocket money each week. He spends  $\frac{3}{8}$  on magazines and  $\frac{2}{5}$  on sweets. How much money does he have left?