1 You may need to work out these algorithms on paper first before recording your answers. Record all remainders as fractions.

a $4\overline{)4936}$

f $3\overline{)7035}$

k $5\overline{)7595}$

b $3\overline{)7269}$

g $6\overline{)3645}$

l $8\overline{)6846}$

c $5\overline{)7680}$

h $7\overline{)7456}$

m $6\overline{)7477}$

d $5\overline{)7115}$

i $6\overline{)8576}$

n $7\overline{)6974}$

e $4\overline{)8544}$

j $4\overline{)8648}$

o $8\overline{)3542}$

Jim saved $3735 in 3 years. What was his average saving per year?

$$\begin{array}{r} 1\,2\,4\,5 \\ 3\overline{)3\,7^13^15} \end{array}$$

SUPER QUESTION

p $8\overline{)96\,898\,728}$

2 Calculate the average distance between railway stops over 1728 km.

a If the train stopped at 4 stations, what would be the average distance between stops? _____

b If the train stopped at 8 stations, what would be the average distance between stops? _____

c How many kilometres would make up the remainder if the train journey was averaged out over 5 stops? _____

3 Solve the problems.

a	Peta's group won $39.63. If there are 2 other girls besides Peta, how much did they each win?		d	540 children attend St John's School. If 135 are in lower primary and 241 are in middle primary, how many are in upper primary?	
b	Jim needs to cut four 1.79 m lengths of timber. Will he be able to cut them from a length of timber measuring 7 m?		e	Nicholas saved $3.55 a week for 9 weeks. How much more would he need to save to buy a camera worth $34?	
c	Lauren saved $512 over a period of 8 weeks. What was her average saving per week?		f	Kim is upset because $\frac{3}{5}$ of her class of 30 are boys. How many children in Kim's class are girls?	