



Divide \$8648 among three people.

Share out the thousands with each person getting 2.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{2} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$
Trade the 2 thousand for 20 hundreds.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{28} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$
Share out the 26 hundreds with each person getting 8.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{288} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$
Trade the 2 hundreds left over for 20 tens.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{288} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$
Now share the 24 tens. Each person gets 2 with $\frac{3}{2}$ remainder.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{2882} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$
Now share the 8 ones. Each person gets 2 with $\frac{3}{2}$ remainder.	$\begin{array}{r} 3 \overline{)8648} \\ \underline{2882} \\ 6 \\ \underline{6} \\ 0 \\ \underline{0} \\ 8 \\ \underline{8} \\ 0 \end{array}$

1 Complete the divisions writing any remainders as fractions.

a	$4 \overline{)8488}$	f	$5 \overline{)4655}$	k	$4 \overline{)7772}$	p	$10 \overline{)3890}$	u	$10 \overline{)6790}$
b	$5 \overline{)7555}$	g	$4 \overline{)5056}$	l	$5 \overline{)7675}$	q	$10 \overline{)7960}$	v	$10 \overline{)8785}$
c	$3 \overline{)4869}$	h	$3 \overline{)3678}$	m	$6 \overline{)6894}$	r	$10 \overline{)8750}$	w	$10 \overline{)6795}$
d	$6 \overline{)3642}$	i	$7 \overline{)8547}$	n	$7 \overline{)7854}$	s	$10 \overline{)6870}$	x	$10 \overline{)8765}$
e	$9 \overline{)7389}$	j	$8 \overline{)928}$	o	$9 \overline{)5679}$	t	$10 \overline{)8870}$	y	$10 \overline{)6993}$

2 Find the averages.

a Jackson banked a total amount of \$7655 over a 5-week period. What was his average weekly saving?

b Sally's monthly savings were \$167, \$175, \$200 and \$250. What was her average monthly saving?

c Jack laid the following amounts of bricks over 6 days: 323, 324, 234, 450, 234 and 307. What was the average amount of bricks he laid per day?

d How much money did Maria collect if her average collection was \$45.60 per day and she collected money for 5 days?

e A bus travelled 2457 km and made 9 stops. What was the average distance between stops?

f Seven boys collected, then shared, a bag of 1064 matches. How many matches did each boy receive?

SUPER QUESTION

3 In a full week of 7 days a taxi drove 4032 km.
 a What was the average distance driven per day?
 b What was the average cost of petrol per day if the taxi averaged 12 km per litre and each litre cost 60 cents?



Averages are found by totalling the scores then dividing by the number of scores.

