



3 ADDING AND SUBTRACTING BY CHOOSING A MENTAL OR WRITTEN STRATEGY

Decide whether it is better to use a mental or written strategy for each of these.

- 1 a In a fund-raising relay race, Jess rode 33 km, Max rode 36 km, Hemi rode 42 km and Kim rode 29 km. How far did they ride altogether?
- b Jess, Max, Hemi and Kim trained for another fund-raising race. During their training they rode these distances.
 Jess - 425 km Max - 379 km
 Hemi - 568 km Kim - 386 km
 How far did they ride altogether in training?
- 2 The Rich family bought a car for \$29 870 and a caravan for \$46 570.
 - a How much did these cost altogether?
 - b How much more did the caravan cost than the car?
- 3 a Find the sum of 582 and 726
 b Find the sum of 1862 and 79.
 c Find the difference between 9059 and 1723.
 d Find the difference between 7932 and 504.
 e What is the total of 782, 693 and 51?
 f What number is 386 less than 5724?
 g Find the answer to $13259 - 10\,043$.
 h What is 3421 more than 823?

- 4 Tama sold cars. He got a bonus if the sales added to more than \$100 000 in a week. This week he sold these cars.



- a What was the total value of the cars he sold?
 - b By how much did he exceed or fall short of his bonus?
- 5 An empty car transporter weighs 11 450 kg. When full of cars it weighs 18 650 kg. How much do the cars weigh?
 - 6 Find the answers to these using a mental strategy if you can. Otherwise use a written strategy.

a $598 + 604$	b $589 + ? = 11\,690$
c $3445 + 23\,437$	d $? + 4336 = 13\,563$
e $800 - 456$	f $8486 - 389$
g $6098 - 179$	h $2407 - ? = 573$
i $? - 1538 = 3243$	j $13\,634 - ? = 8322$
k $43\,056 + 256\,784$	l $64\,752 - 40\,684$