

9

More addition and subtraction

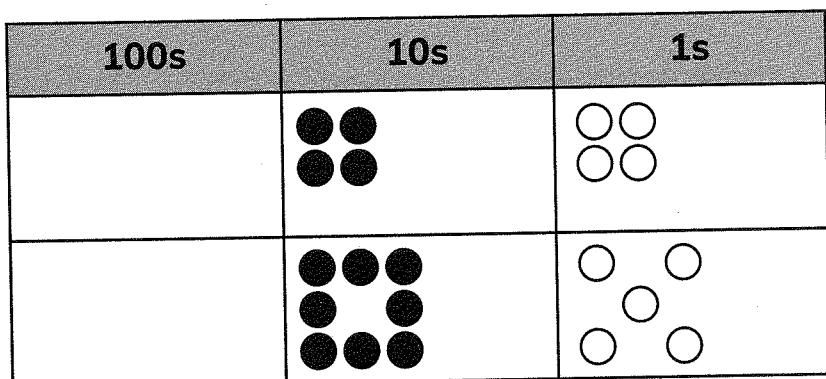
9.1 Addition: regrouping tens and reordering

Exercise 9.1

associative column addition commutative

Focus

Estimate the total. Find the total and represent it in the place value grid. Complete the number sentence.



estimate: _____

100s	10s	1s

$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

2 Estimate and then solve these 2-digit number additions. Show your method.

a estimate:

$$53 + 76$$

=

b estimate:

$$65 + 54$$

=

c estimate:

$$46 + 81$$

=

d estimate:

$$66 + 42$$

=

3 Estimate and then solve these additions. Show your method.

a estimate:

$$129 + 60$$

=

b estimate:

$$187 + 50$$

c estimate:

$$164 + 71$$

=

d estimate:

$$245 + 172$$

=

> 9.2 Subtraction: regrouping tens

Exercise 9.2

Focus

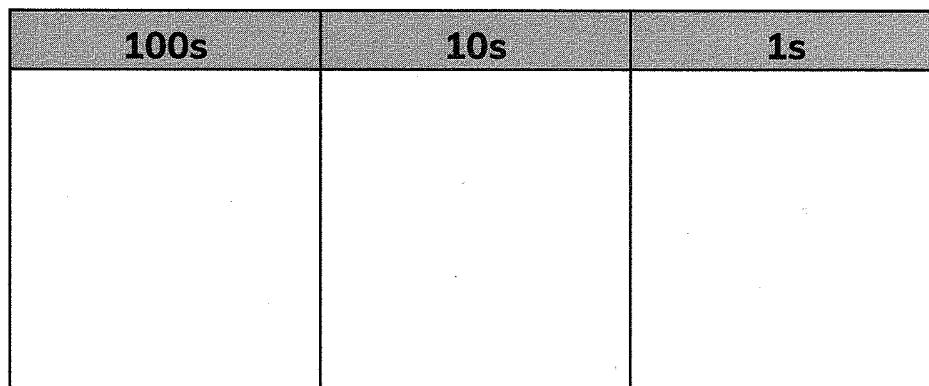
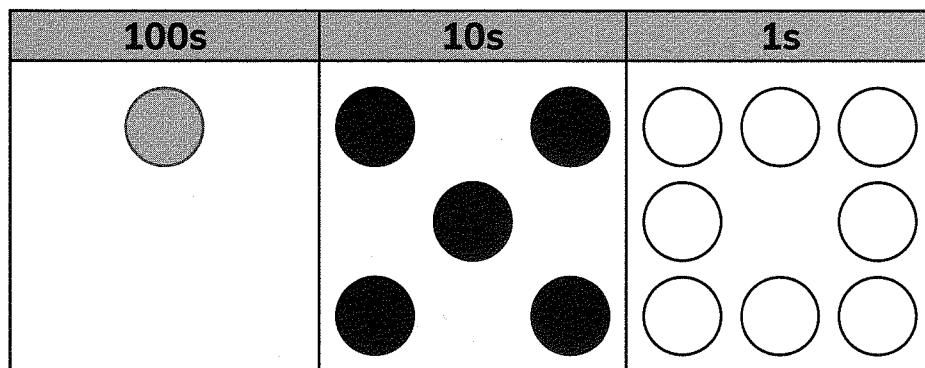
- 1 Estimate the answer.

Find and represent your answer in the place value grid. Complete the number sentence.

estimate:

exchange
regroup
trial and improvement
unknown

$$158 - 73 =$$



$$\boxed{} - \boxed{} = \boxed{}$$

9 More addition and subtraction

2 Estimate and then solve these subtractions. Show your method.

a estimate:

$$178 - 53$$

=

b estimate:

$$267 - 64$$

=

c estimate:

$$154 - 72$$

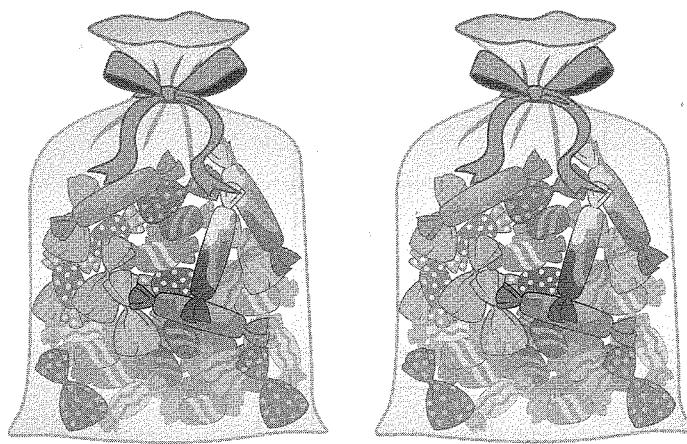
=

d estimate:

$$236 - 84$$

=

- 3 Mum buys two packets of sweets.
There are 42 sweets all together.
If both packets have the same number of sweets,
how many sweets are in each packet?
Use trial and improvement to help you find your answer.



The unknown value is represented by a sweet.

$$\text{Sweet} + \text{Sweet} = 42$$

So

$$\text{Sweet} = \boxed{\quad}$$

- 10 There are 764 children in the school.
392 of them are girls.
How many boys are there?

Write your number sentence and show your method.
Remember to estimate before you calculate.

- 11 Kwanza buys two identical footballs.
Kwanza pays \$38 for the footballs.
What is the price of each football? The unknown
price of each football is represented by a football.
Use trial and improvement to help you find out.

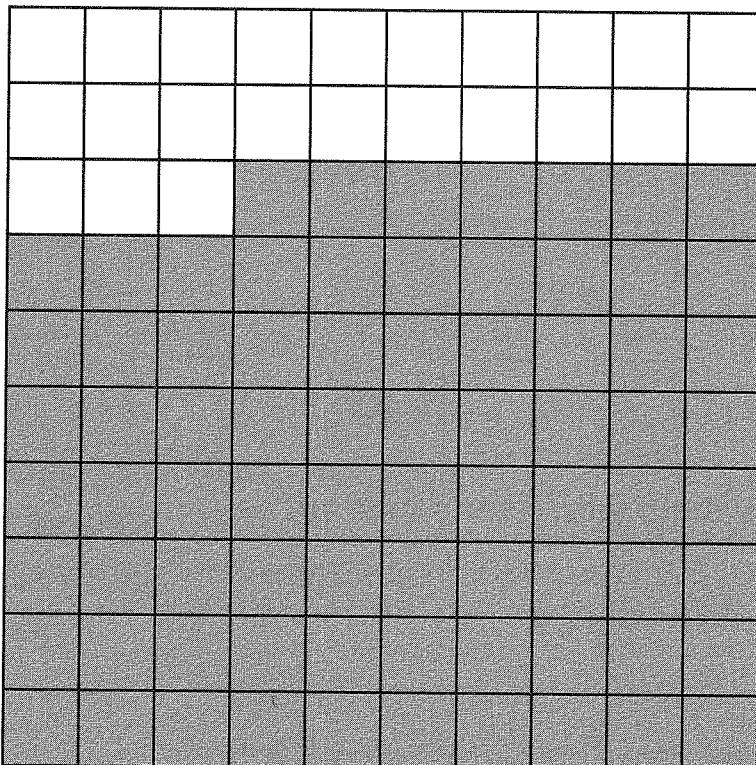
$$\text{soccer ball} + \text{soccer ball} = \$38 \quad \text{So } \text{soccer ball} = \boxed{}$$

Explain to your partner what you did to find your answer.

- 12 Aarvi and her family are travelling 354 kilometres to visit
her grandparents.
When the family stops for lunch, they have 171 kilometres to go.
How far have they travelled when they stop for lunch?
The unknown value is represented by a car.
Use trial and improvement to help you find out.

$$354 - \text{car} = 171 \quad \text{So } \text{car} = \boxed{}$$

b



$$\boxed{73} + \boxed{23} = 100$$

- 2 What are the six complements of 1000, using multiples of 100?

Practice

- 3 Find the complement of 100 for each number.
Write your answer in the matching square of the grid.

19	82	93
46	78	37
3	51	64



complement
of 100
