

1 Adding and subtracting review

We are learning to solve addition and subtraction problems.



Ones and tens materials

Play money (Material Master 4-9 or on the CD)

Hundreds boards (Material Master 4-4 or on the CD)

Tens frames (Material Master 4-6 or on the CD)

Check up page

Reading and writing numbers	198
Adding to 20	232
Family of facts	
Activity 23	252



Adding - which way?

Activity 1



A $4 + 18 =$

$4 + 18 = 18 + 4$

18, 19, 20, 21, 22



Dion

$4 + 18 = 18 + 4$

18 + 4 = 22



Sam

$4 + 18 = 18 + 4$
 $8 + 4 = 12$
 $18 + 4 = 22$



Ella

Whose way do you like best? Why?



B Find the answers to these. Show how you do each one.

- | | | | | | | | |
|---|------------|----|------------|----|------------|----|------------|
| 1 | $16 + 3 =$ | 2 | $4 + 14 =$ | 3 | $5 + 12 =$ | 4 | $14 + 6 =$ |
| 5 | $5 + 16 =$ | 6 | $7 + 15 =$ | 7 | $18 + 8 =$ | 8 | $4 + 19 =$ |
| 9 | $3 + 28 =$ | 10 | $37 + 6 =$ | 11 | $7 + 46 =$ | 12 | $59 + 4 =$ |

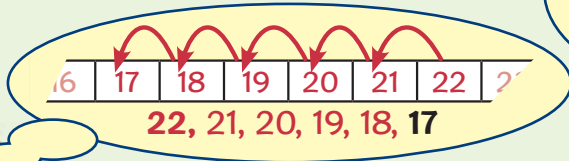


Subtracting - which way?

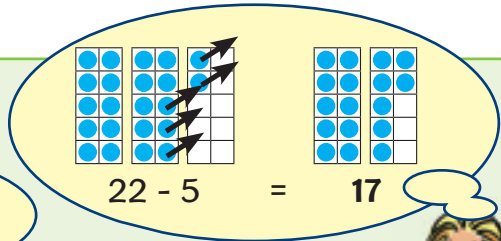
Activity 2



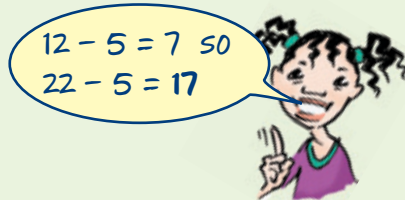
A $22 - 5 =$



Dion



Ella



Millee

$12 - 5 = 7$ so
 $22 - 5 = 17$

Whose way do you like best? Why?



B Find the answers to these.
Show your working.

- | | | |
|----------------------|----------------------|----------------------|
| 1 $11 - 3 =$ | 2 $12 - 5 =$ | 3 $14 - 4 =$ |
| 4 $13 - 4 =$ | 5 $21 - 5 =$ | 6 $23 - 4 =$ |
| 7 $24 - 6 =$ | 8 $22 - 3 =$ | 9 $32 - 6 =$ |
| 10 $33 - 7 =$ | 11 $41 - 4 =$ | 12 $52 - 8 =$ |



Do them without counting back if you can.



- C 1** Ella won **25** counters in a game. Then she lost **7** of them. How many did she have left?
- 2** Dion had **32** different hats. He gave **6** of them to his brother. How many did he have left?

Practise what you know



Race a friend to find the answers to these.

In your book, put a mark beside the ones you did without counting on or back.



Check if you add or subtract.

A

1 $8 + 3 =$	2 $11 - 4 =$	3 $4 + 9 =$	4 $12 - 3 =$
5 $7 + 4 =$	6 $15 - 5 =$	7 $12 - 4 =$	8 $6 + 8 =$
9 $14 - 5 =$	10 $7 + 11 =$	11 $9 + 6 =$	12 $11 - 7 =$
13 $12 - 7 =$	14 $13 - 5 =$	15 $7 + 5 =$	16 $9 + 7 =$

B

1 $16 + 3 =$	2 $4 + 14 =$	3 $15 - 3 =$	4 $17 + 2 =$
5 $18 - 4 =$	6 $23 + 5 =$	7 $25 - 4 =$	8 $19 - 5 =$
9 $24 + 6 =$	10 $3 + 19 =$	11 $22 - 5 =$	12 $21 - 3 =$
13 $17 + 4 =$	14 $23 - 4 =$	15 $21 - 5 =$	16 $6 + 21 =$

C

1 $27 + 4 =$	2 $5 + 29 =$	3 $25 - 6 =$	4 $33 - 4 =$
5 $28 + 8 =$	6 $33 - 5 =$	7 $45 - 7 =$	8 $8 + 16 =$
9 $24 + 7 =$	10 $39 + 3 =$	11 $40 - 5 =$	12 $52 - 3 =$
13 $48 + 4 =$	14 $23 - 6 =$	15 $5 + 36 =$	16 $26 - 7 =$

How many could you do without counting on or back?

Which other ways did you use to find the answers?

Which way did you like best?

Solve simple addition (joining, changing or comparing) problems to 100 by counting on in their heads in ones.

Solve simple subtraction (separating, changing or comparing) problems to 100 by counting back in their heads in ones.

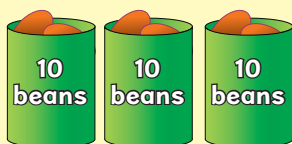
Swimming lessons

Example

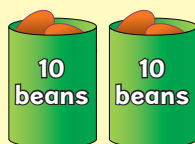
Jamie had **30** swimming lessons last year.
He has had **20** lessons this year.
How many lessons is this altogether?



$$30 + 20 =$$



3 tens



2 tens

= 5 tens
= 50

Jamie has had **50** lessons altogether.

I could
count on 2 tens.
30, 40, 50



I could use my
basic facts.
3 + 2 = 5

Activity 3



A How many swimming lessons altogether?

- | | | |
|-----------------------|-----------------------|-----------------------|
| 1 $20 + 30 =$ | 2 $30 + 50 =$ | 3 $10 + 30 =$ |
| 4 $20 + 60 =$ | 5 $30 + 40 =$ | 6 $50 + 20 =$ |
| 7 $40 + 20 =$ | 8 $40 + 40 =$ | 9 $20 + 50 =$ |
| 10 $50 + 40 =$ | 11 $60 + 40 =$ | 12 $50 + 50 =$ |

Use tens and
ones materials
to help.



- B**
- Jamie held his breath for **20** seconds.
Later he held it for another **20** seconds.
How many seconds was this altogether?
 - Jamie swam **20** widths with the kickboard.
Then he swam **40** widths without the kickboard.
How many widths did he swim altogether?

