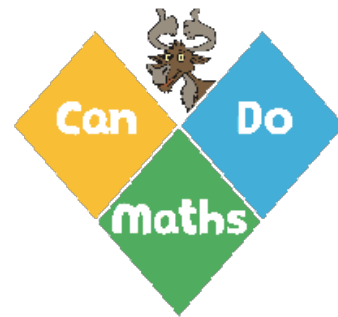




Colin and Coco's Deliberate Practice

Year 1 Unit 9

Addition and Subtraction Facts
17 to 20





Contents

This pack of deliberate practice is designed to be used flexibly to secure the manageable steps of this unit.

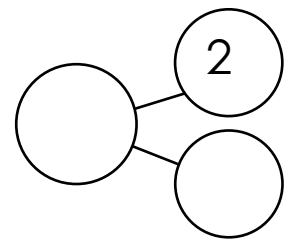
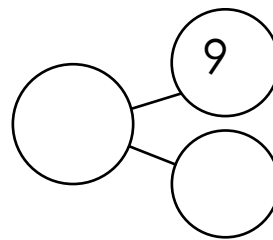
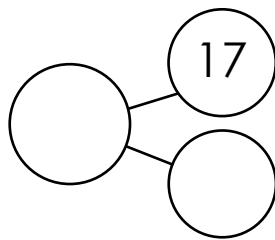
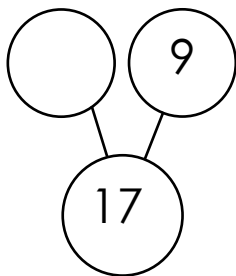
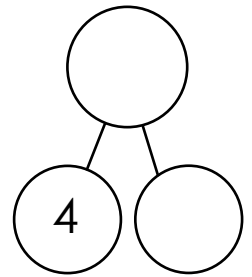
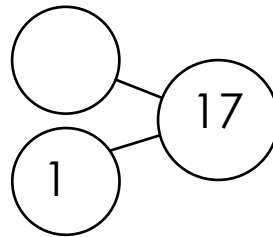
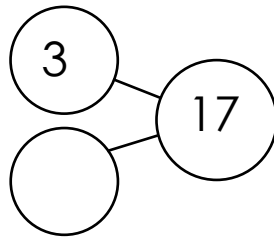
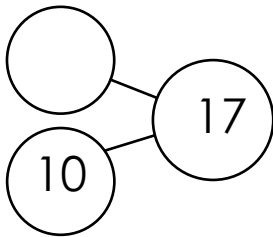
The table below indicates which activities are linked to which manageable steps.

	Do It	Challenge It	Play It
Partition 17	1		
Find and represent all addition number facts of 17			1
Find and represent all subtraction number facts of 17		1	
Partition 18		2	
Find and represent all addition number facts of 18	2		
Find and represent all subtraction number facts of 18		2	2
Partition 19		3	
Find and represent all addition number facts of 19		3	
Find and represent all subtraction number facts of 19	3	3	
Partition 20			3



Do It 1

Complete the part-part-whole diagrams. The whole is 17 every time.



Challenge It 1

Match the calculation to the answer.
Find the missing buddies.

$17 - 5$	7
$17 - 3$	13
$17 - 10$	12
	15
$17 - 8$	14
$17 - 2$	11
$17 - 6$	
$17 - 7$	8
$17 - 1$	10
$17 - 9$	16



Make 17 Game

Play It 1

You need:

0 - 9 dice

To play:

Players take it in turns to roll the dice and say how many more are needed to get a total of 17

Write the calculation down.

Tally the answer in your tally chart.

Player 1: I have rolled a 7 so I need to add 10 to make 17
I tally 10 because $10 + 7 = 17$

To win:

The winner is the first player to tally the same answer three times.

Answer	Tally
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	



Do It 2

Calculate:

$9 + 9 = \square$

$10 + 8 = \square$

$18 - 5 = \square$

$18 - 4 = \square$

$12 + 6 = \square$

$18 - 7 = \square$

$5 + 13 = \square$

$18 - 3 = \square$

$18 - 12 = \square$

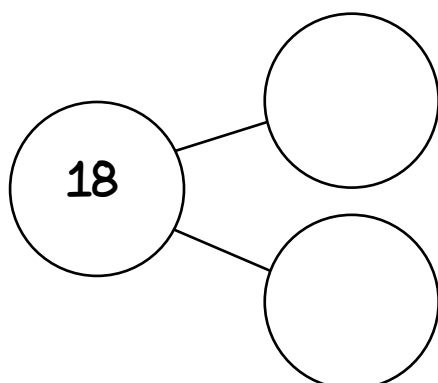
$18 - 13 = \square$

$3 + 15 = \square$

$18 + 0 = \square$

Challenge It 2

Complete the diagram in several different ways.
Write the matching calculation each time.



$18 = \square + \square$



Subtract from 18 Game

Play It 2

You need:

Counters or colours for each player

Number Facts 18 Board (on the next page)

To play:

Every time it is your turn choose a number on the board to subtract from 18 and cover (or colour) it. Find the answer on the board and cover, (or colour) that too, so each turn you cover two numbers on the board.

Say your number fact aloud.

The two numbers you cover do not need to be next to each other on the board.

For example:

Player 1: I will subtract 8 from 18 so will cover an 8 and a 10 on the board because $18 \text{ subtract } 8 \text{ equals } 10$

To win:

The winner is the first player to cover 5 numbers in a line, horizontally, vertically or diagonally.



Number Facts 18 Board

15	6	13	8	11	9	16	5	6	3
7	17	9	3	14	1	12	8	0	2
4	5	12	18	6	9	13	15	4	7
12	1	10	4	2	11	6	17	11	10
9	7	15	0	8	14	9	14	5	3
14	6	13	17	13	12	3	10	7	12
8	18	10	4	11	8	0	6	4	17
3	14	13	12	9	13	11	1	2	5
5	9	1	16	7	15	10	5	12	9
4	6	7	15	14	18	4	16	14	11



Match the calculation to the answer.

Do It 3

$19 - 5$	9
$19 - 3$	15
$19 - 10$	14
$19 - 4$	17
$19 - 8$	16
$19 - 2$	13
$19 - 6$	19
$19 - 7$	10
$19 - 1$	12
$19 - 9$	18
$19 - 0$	11

Complete the diagram in several different ways.
Write the matching calculations each time.

Challenge It 3

19	

$$19 = \square + \square$$

$$\square - \square = 19$$



Partition 20 Game

Play It 3

You need:

Counters or colours for each player

Number Facts Board (on the next page)

To play:

Every time it is your turn partition 20 into two parts and you cover, (or colour), the two numbers on the board.

Say your number fact aloud.

The two numbers you cover do not need to be next to each other on the board.

For example:

Player 1: I will partition 20 into 7 and 13 so will cover a 7 and a 13 on the board.

To win:

The winner is the first player to cover 5 numbers in a line, horizontally, vertically or diagonally.



Number Facts 20 Board

3	16	5	13	18	6	15	1	16	14
14	0	8	10	9	17	4	11	13	2
2	15	6	19	4	12	20	6	10	5
7	12	4	2	14	7	5	18	3	16
5	1	17	0	11	10	8	4	7	20
16	6	18	15	8	1	3	15	19	2
2	13	10	3	14	18	13	10	14	17
5	3	20	4	19	16	5	12	2	16
9	1	12	18	10	7	17	0	9	15
17	4	10	11	15	6	10	19	8	18