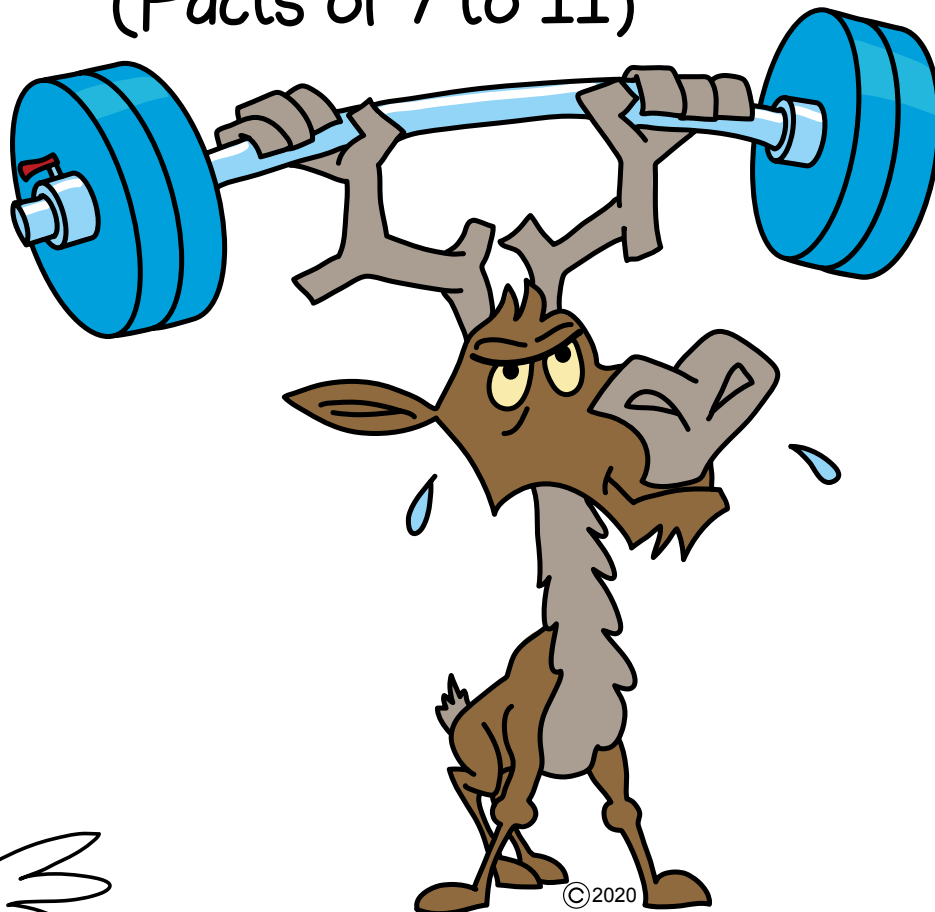




Colin and Coco's Deliberate Practice

Year 1 Unit 5

Addition and Subtraction
(Facts of 7 to 11)





Contents

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

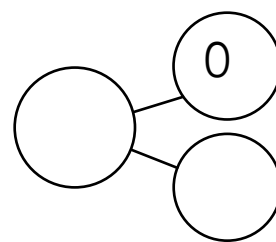
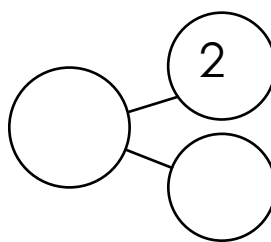
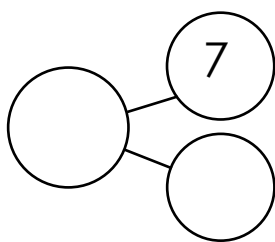
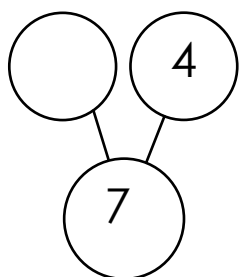
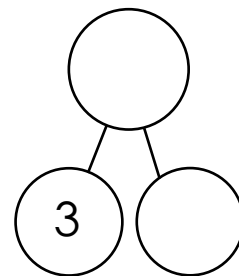
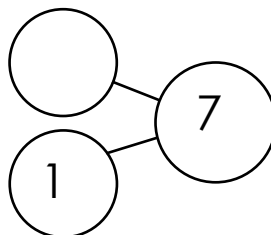
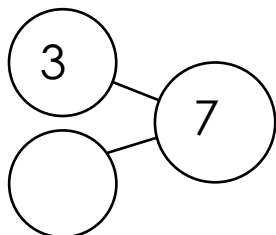
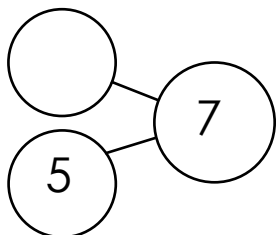
The table below indicates which activities are linked to which manageable steps.

	Do It	Challenge It	Play It
Partition 7	1	2	
Find and represent all addition number facts of 7	3	1	1
Find and represent all subtraction number facts of 7	2		
Partition 8		2	2
Find and represent all addition number facts of 8	3		
Find and represent all subtraction number facts of 8		3	
Partition 9	4		3
Find and represent all addition number facts of 9	5	4	
Find and represent all subtraction number facts of 9			4
Partition 10		5	
Find and represent all addition number facts of 10	5		
Find and represent all subtraction number facts of 10			5



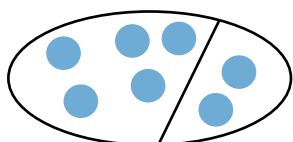
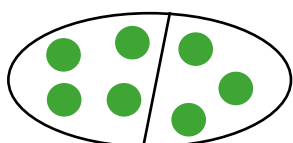
Do It 1

Complete the part-part-whole diagrams. The whole is 7 every time.

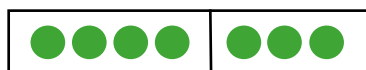
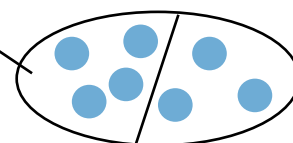
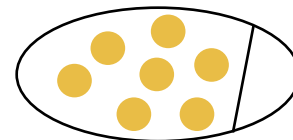
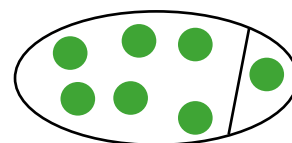


Challenge It 1

Match the calculation to the picture.
Find the missing calculation.



$6 + 1$
$7 + 0$
$5 + 2$





Make 7 Game

Play It 1

You need:

1 - 6 dice

To play:

Players take it in turns to roll the dice and say how many more are needed to get a total of 7.

Write the calculation down.

Tally the answer in your tally chart.

Player 1: I have rolled a 4 so I need to add 3 to make 7
I tally 3 because $4 + 3 = 7$

To win:

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

Answer	Tally
1	
2	
3	
4	
5	
6	



Show ways to subtract from 7

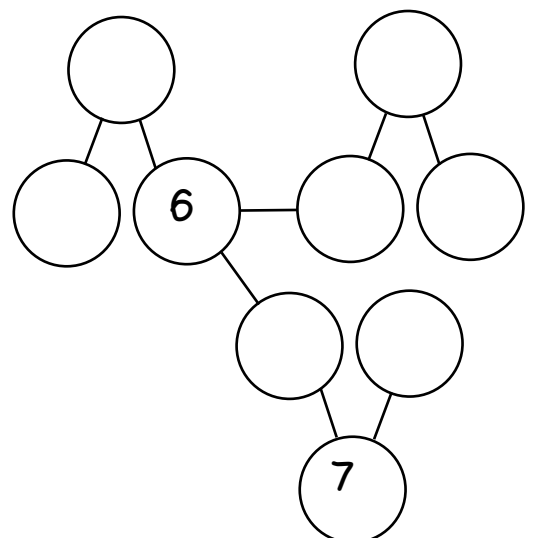
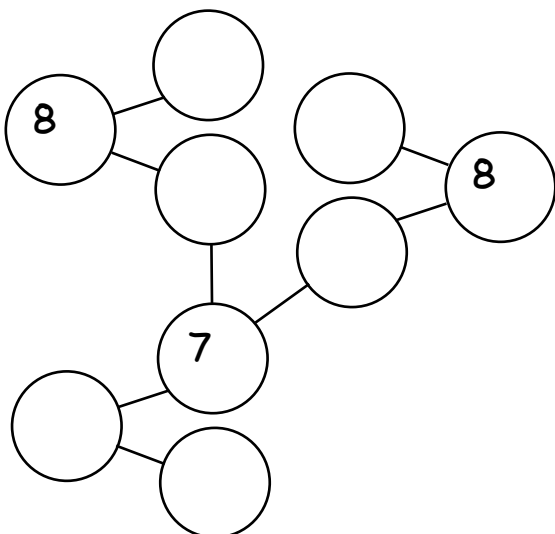
Do It 2

○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○
○	○	○	○	○	○	○

7 -		=	
7 -		=	
7 -		=	
7 -		=	
7 -		=	
7 -		=	
7 -		=	
7 -		=	

Challenge It 2

Complete the diagrams in several different ways.





Partition 8 Game

Play It 1

You need:

Counters or colours for each player

Number Facts 8 Board (on the next page.)

To play:

Every time it is your turn partition 8 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 8 into 5 and 3 so will cover a 5 and a 3 on the board.

To win:

The winner is the first player to cover 4 numbers in a line, horizontally, vertically or diagonally.



Number Facts 8 Board

4	6	0	7	8	1	2	4	3	4
8	5	7	3	5	4	7	6	0	2
7	4	6	5	1	2	0	4	7	8
6	3	2	8	3	5	6	8	5	1
3	1	0	6	8	7	4	3	0	4
0	8	3	4	0	1	5	6	1	7
4	7	1	3	2	4	2	8	4	6
2	3	0	5	8	3	7	5	1	5
5	4	6	2	1	2	3	4	6	7
8	1	2	5	0	3	6	5	0	2



Colour totals of 8 blue. Colour totals of 7 red.

Do It 3

$5 + 3$

$4 + 3$

$5 + 2$

$7 + 1$

$2 + 5$

$4 + 4$

$2 + 6$

$1 + 6$

$8 + 0$

$3 + 5$

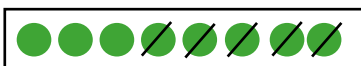
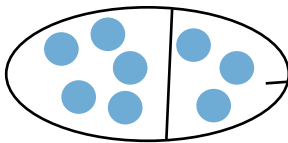
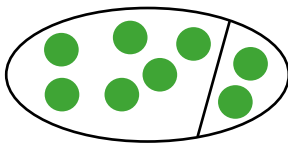
$3 + 4$

$6 + 1$

$6 + 2$

Match the calculation to the picture.
Answer the calculations. Find the missing calculation.

Challenge It 3



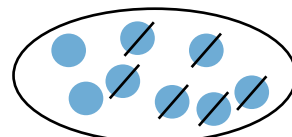
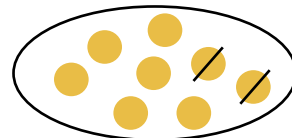
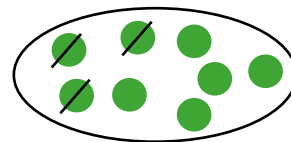
$8 - 4 =$

$8 - 2 =$

$8 - 5 =$

$8 - 8 =$

$8 - 6 =$





Make 9 Game

Play It 3

You need:

Counters or colours for each player

Number Facts 9 Board (on the next page.)

To play:

Every time it is your turn partition 9 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 9 into 5 and 4 so will cover a 5 and a 4 on the board.

To win:

The winner is the first player to cover 4 numbers in a line, horizontally, vertically or diagonally.



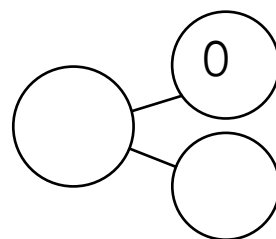
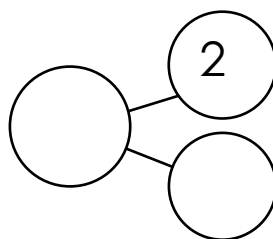
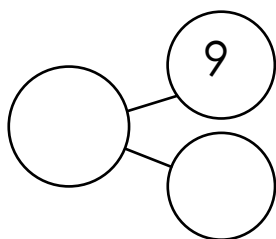
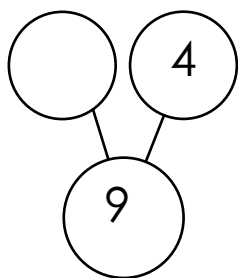
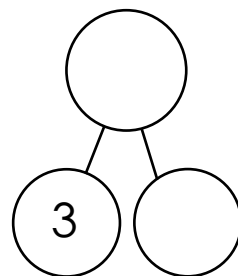
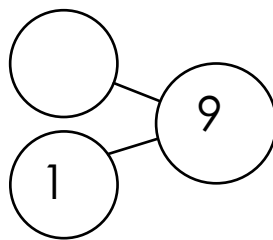
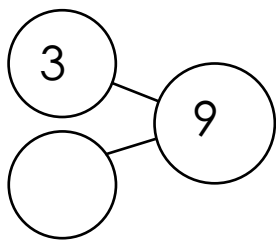
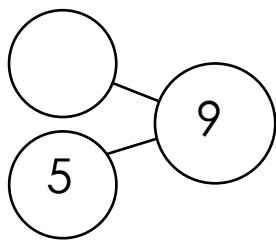
Number Facts 9 Board

1	6	0	9	8	1	2	4	5	7
9	5	7	3	5	4	7	6	0	2
7	4	6	4	1	2	9	4	7	8
6	8	2	9	3	5	6	2	5	1
3	1	0	6	8	7	4	9	0	4
1	8	3	4	0	3	5	6	1	7
4	7	9	3	6	4	2	8	9	3
2	3	0	5	8	3	7	5	2	5
9	4	6	2	1	2	0	8	6	7
8	1	7	5	0	3	9	5	0	2



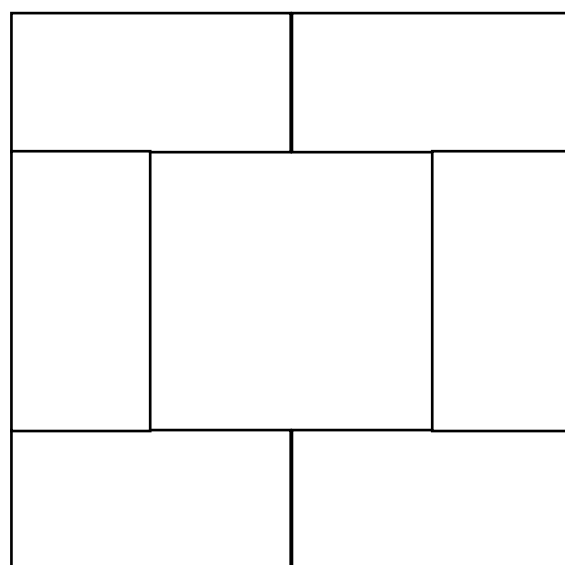
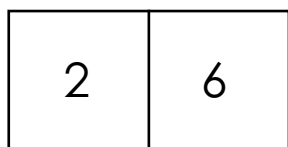
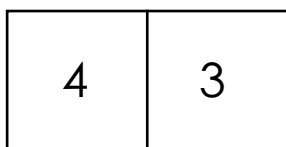
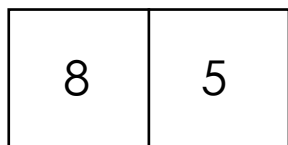
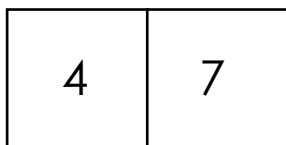
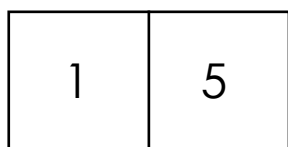
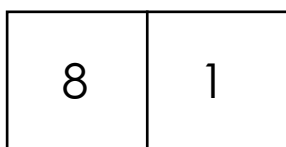
Do It 4

Complete the part-part-whole diagrams. The whole is 9 every time.



Arrange the dominoes so the joining numbers make 9

Challenge It 4





Take from 9 Game

Play It 4

You need:
0 - 9 dice

To play:

Players take it in turns to roll the dice and subtract the number from 9.
Write the calculation down.

Tally the answer in your tally chart.

Player 1: I have rolled a 4 so I need to take 4 away from 9
I tally 5 because $9 - 4 = 5$

To win:

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

Answer	Tally
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	



Colour totals of 10 blue. Colour totals of 9 red.

Do It 5

$5 + 5$

$4 + 5$

$8 + 2$

$7 + 3$

$2 + 7$

$4 + 6$

$1 + 9$

$2 + 8$

$10 + 0$

$6 + 4$

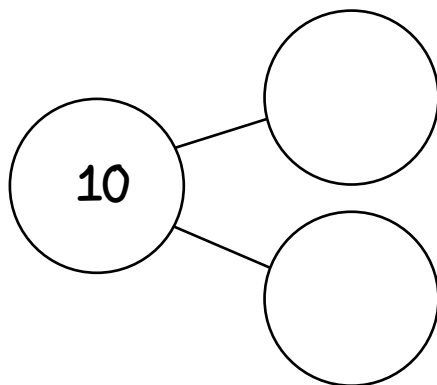
$3 + 7$

$6 + 3$

$9 + 1$

Challenge It 5

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



$10 = \square + \square$



Take from 10 Game

Play It 5

You need:
0 - 9 dice

To play:
Players take it in turns to roll the dice and subtract the number from 10
Write the calculation down.

Tally the answer in your tally chart.

Player 1: I have rolled a 3 so I need to take 3 away from 10
I tally 7 because $10 - 3 = 7$

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

Answer	Tally
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	