

Year 3/4 Autumn Maths Block Assessments: Addition and Subtraction (A)

Year 3 Self-Assessment

Objective	Before 😊😐😞	After 😊😐😞
I can recall addition and subtraction number facts to 20.		
I can add several numbers efficiently by spotting number facts.		
I can use number facts to add and subtract 1-digit numbers to/from 2-digit numbers.		
I can subtract by counting up (Frog) and do this to find change from £1.		
I can add 2-digit numbers by partitioning.		
I can find pairs of 2-digit numbers that total 100.		

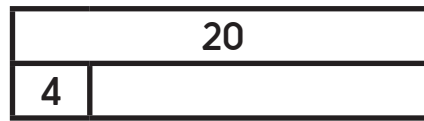
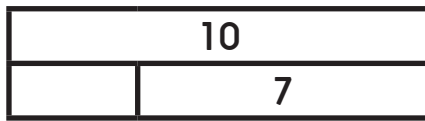
Year 4 Self-Assessment

Objective	Before 😊😐😞	After 😊😐😞
I can add pairs of 2-digit numbers mentally.		
I can use number facts to add and subtract 1-digit numbers to/from 3-digit numbers.		
I can add 3, 4 or 5 numbers less than 20, using number facts.		
I can find pairs of 2-digit numbers that total 100.		
I can find a difference by counting up (Frog) with 2- and 3-digit numbers.		

Assessments cover learning in each **Short Block**.
Complete the assessment below after **all** learning in that block.

Year 3 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

1 Complete the bar models:



2 marks

2 Find the missing numbers:

$$7 + \square = 13$$

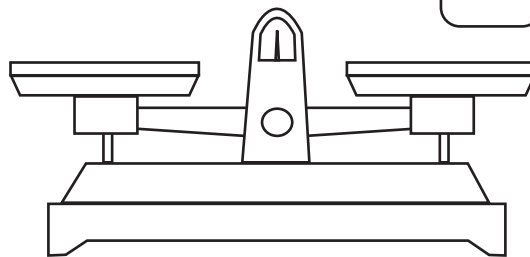
$$18 - \square = 9$$

$$6 + \square + 5 = 18$$

3 marks

3 Balance the scales to find each missing number:

$$11 + 4 = 8 + \square$$



$$4 + 5 + 10 = \square + 6$$

$$3 + 8 + \square = 9 + 7$$

3 marks

4 Add the numbers:

$$2 + 9 + 8 = \square$$

$$6 + 3 + 5 = \square$$

$$4 + 7 + 6 + 3 = \square$$

$$9 + 6 + 7 + 5 = \square$$

4 marks

Year 3 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

5 Add:

$53 + 5 = \square$

$68 + 7 = \square$

$96 + 6 = \square$

3 marks

6 Subtract:

$79 - 6 = \square$

$42 - 4 = \square$

$103 - 5 = \square$

3 marks

7 Find the missing multiple of 5 in these pairs that total 100.

$85 + \square = 100$

$\square + 25 = 100$

$35 + \square = 100$

$\square + 5 = 100$

4 marks

Year 3 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

8

Use Maths Frog to help answer these subtractions (draw empty number lines to help).



$$40 - 27$$

$$70 - 48$$

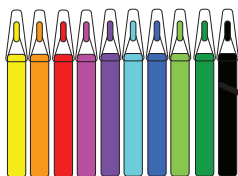
$$53 - 39$$

$$104 - 47$$

4 marks

9

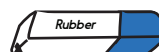
Find the change from £1 for each of these items, using Maths Frog to help you count up.



78p



65p



49p



23p

4 marks

Year 4 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

1 Complete the addition grid.

+	32	48
43		
67		

4 marks

2 Add:

$$622 + 5 = \square$$

$$138 + 6 = \square$$

$$196 + 5 = \square$$

3 marks

3 Subtract:

$$179 - 4 = \square$$

$$254 - 5 = \square$$

$$202 - 8 = \square$$

3 marks

4 Add the numbers:

$$2 + 9 + 8 = \square$$

$$4 + 7 + 6 + 3 = \square$$

$$9 + 6 + 7 + 5 = \square$$

$$6 + 8 + 4 + 6 + 7 = \square$$

4 marks

Year 4 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

5 Find the missing number in these pairs that total 100.

$$78 + \square = 100$$

$$\square + 26 = 100$$

$$53 + \square = 100$$

$$\square + 5 = 100$$

4 marks

6 Use complements to 100 to solve these.

$$100 - 85 = \square$$

$$100 - 92 = \square$$

$$100 - 28 = \square$$

$$100 - 3 = \square$$

4 marks

7 Sketch number lines to help Maths Frog find these differences.

$$60 - 27$$

$$93 - 48$$

$$600 - 378$$



Year 4 [in Y3/4] Autumn Maths Block Assessments: Addition and Subtraction (A)

- 7** Sketch number lines to help Maths Frog find these differences (continued).

$$222 - 187$$

$$525 - 268$$



5 marks

- 8** Peter has 33 marbles; Lucy has 87 marbles.

How many more marbles does Lucy have?

How many marbles altogether?

How many more marbles does Peter need to have 100?

3 marks

Total /30 =

**Year 3 [in Y3/4] Autumn Maths Block Assessments:
Addition and Subtraction (A) - ANSWERS**

1.

10	
3	7

20	
4	16

2.

$7 + 6 = 13$

$18 - 9 = 9$

$6 + 7 + 5 = 18$

3.

$11 + 4 = 8 + 7$

$4 + 5 + 10 = 13 + 6$

$3 + 8 + 5 = 9 + 7$

4.

$2 + 9 + 8 = 19$

$6 + 3 + 5 = 14$

$4 + 7 + 6 + 3 = 20$

$9 + 6 + 7 + 5 = 27$

5.

$53 + 5 = 58$

$68 + 7 = 75$

$96 + 6 = 102$

6.

$79 - 6 = 73$

$42 - 4 = 38$

$103 - 5 = 98$

7.

$85 + 15 = 100$

$75 + 25 = 100$

$35 + 65 = 100$

$95 + 5 = 100$

8.

$40 - 27 = 13$

$70 - 48 = 22$

$53 - 39 = 14$

$104 - 47 = 57$

9.

22p, 35p, 51p and 77p

**Year 4 [in Y3/4] Autumn Maths Block Assessments:
Addition and Subtraction (A) - ANSWERS**

1.

+	32	48
43	75	91
67	99	115

2.

$$622 + 5 = 627$$

$$138 + 6 = 144$$

$$196 + 5 = 201$$

3.

$$179 - 4 = 175$$

$$254 - 5 = 249$$

$$202 - 8 = 194$$

4.

$$2 + 9 + 8 = 19$$

$$4 + 7 + 6 + 3 = 20$$

$$9 + 6 + 7 + 5 = 27$$

$$6 + 8 + 4 + 6 + 7 = 31$$

5.

$$78 + 22 = 100$$

$$74 + 26 = 100$$

$$53 + 47 = 100$$

$$95 + 5 = 100$$

6.

$$100 - 85 = 15$$

$$100 - 92 = 8$$

$$100 - 28 = 72$$

$$100 - 3 = 97$$

7.

$$60 - 27 = 33$$

$$93 - 48 = 45$$

$$600 - 378 = 222$$

$$222 - 187 = 35$$

$$524 - 268 = 256$$

8.

Lucy had **54 more** marbles.

They had **120 marbles altogether**.

Peter needs **67 more** to have 100.