



MATHEMATICS



N.S. Yr. 2 P.3

**Count reliably a set of objects.
Count on and back in steps of one.**

Equipment

Paper, pencil, ruler

MathSphere

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Concepts

Once children have become confident in counting in ones they can be introduced to grouping in tens and counting up and down in tens. When counting the number of claps, drum beats etc a simple tally can be made.

Constant repetition of counting up and down up to 100 is needed so that real confidence is achieved. This will give a good foundation for much of the number work which comes later.

A number line, or number track is very useful. Where the numbers have been placed horizontally the numbers increase from the bottom ie the smallest number is to be found at the bottom of the track. This is good preparation for when the children number the axes on a graph or a co-ordinate grid.

Blank sheets are available at the end of the module for you to add your own examples - the children can even set each other questions!



Fill in the gaps on
these number tracks.

14	15		17		19		21		23		25
----	----	--	----	--	----	--	----	--	----	--	----

16		18		20		22		24		26	
----	--	----	--	----	--	----	--	----	--	----	--

9			12	13	14					19	
---	--	--	----	----	----	--	--	--	--	----	--

	4		6		8		10				
--	---	--	---	--	---	--	----	--	--	--	--

9					14	15	16				
---	--	--	--	--	----	----	----	--	--	--	--

	24				28	29					
--	----	--	--	--	----	----	--	--	--	--	--

				32	33	34	35				
--	--	--	--	----	----	----	----	--	--	--	--



Now try to find these missing numbers.....

[illegible]

				54	55	56					
--	--	--	--	----	----	----	--	--	--	--	--

			38	39						
--	--	--	----	----	--	--	--	--	--	--

								62	63		
--	--	--	--	--	--	--	--	----	----	--	--

				24	25	26					
--	--	--	--	----	----	----	--	--	--	--	--

[illegible][illegible]



Now try filling these number tracks. They are all going down the page, not across!

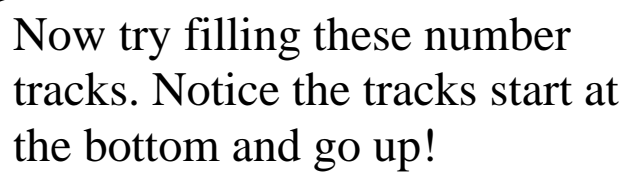
44
43
42

29
27
25

42

33
32

65
64
63



		42		99
45				
44				
			72	
40			71	
	56			



1. Count on 5 from 32

2. Count on 7 from 41

3. Count on 6 from 23

4. Count on 3 from 54

5. Count on 8 from 21



Count on.

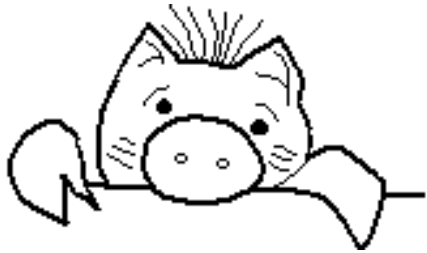
1. Count on 4 from 41

2. Count on 8 from 22

3. Count on 5 from 34

4. Count on 6 from 31

5. Count on 7 from 50



Help me
count on.

1. Count on 5 from 45

2. Count on 4 from 26

3. Count on 3 from 37

4. Count on 7 from 33

5. Count on 8 from 52



Help me
count on.

1. Count on 6 from 24

2. Count on 5 from 55

3. Count on 4 from 36

4. Count on 9 from 21

5. Count on 3 from 27



Now let's try
counting back.

1. Count back 4 from 37

2. Count back 5 from 29

3. Count back 6 from 47

4. Count back 7 from 59

5. Count back 8 from 38



Let's try
counting back.

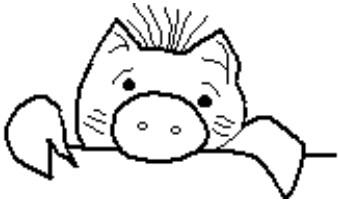
1. Count back 3 from 59

2. Count back 6 from 29

3. Count back 4 from 49

4. Count back 8 from 69

5. Count back 9 from 49



These are a little bit harder! Have a go!

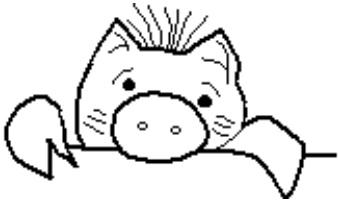
1. Count back 4 from 43

2. Count back 7 from 15

3. Count back 2 from 31

4. Count back 6 from 73

5. Count back 5 from 50



Now have a go at these!

1. Count back 3 from 32

2. Count back 8 from 24

3. Count back 4 from 92

4. Count back 9 from 87

5. Count back 7 from 40

Answers

Page 3

14 15 16 **17** 18 **19** 20 **21** 22 **23** 24 **25**
9 10 11 **12 13 14** 15 16 17 18 **19** 20
9 10 11 12 13 **14 15 16** 17 18 19 20
 28 29 30 31 **32 33 34 35** 36 37 38 39

16 17 **18** 19 **20** 21 **22** 23 **24** 25 **26** 27
 3 **4 5 6 7 8 9 10** 11 12 13 14
 23 **24** 25 26 27 **28 29** 30 31 32 33 34

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42 43 44 45 46 47 48 49 50 51 52 53
 35 36 37 **38 39** 40 41 42 43 44 45 46
 20 21 22 23 **24 25 26** 27 28 29 30 31
 33 34 35 36 37 38 39 40 41 42 43 **44**

50 51 52 53 **54 55 56** 57 58 59 60 61
 54 55 56 57 58 59 60 61 **62 63** 64 65
 55 56 57 58 59 60 61 62 63 **64 65** 66

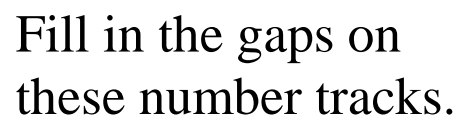
Page 5

44	30	42	42	75
43	29	41	41	74
42	28	40	40	73
41	27	39	39	72
40	26	38	38	71
39	25	37	37	70
38	24	36	36	69
37	23	35	35	68
26	22	34	34	67
35	21	33	33	66
34	20	32	32	65
33	19	31	31	64
32	18	30	30	63
31	17	29	29	62
30	16	28	28	61

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50	67	42	81	99
49	66	41	80	98
48	65	40	79	97
47	64	39	78	96
46	63	38	77	95
45	62	37	76	94
44	61	36	75	93
43	60	35	74	92
42	59	34	73	91
41	58	33	72	90
40	57	32	71	89
39	56	31	70	88
38	55	30	69	87
37	54	29	68	86
36	53	28	67	85

Page 7				
1. 37	2. 48	3. 29	4. 57	5. 29
Page 8				
1. 45	2. 30	3. 39	4. 37	5. 57
Page 9				
1. 50	2. 30	3. 40	4. 40	5. 60
Page 10				
1. 30	2. 60	3. 40	4. 30	5. 30
Page 11				
1. 33	2. 24	3. 41	4. 52	5. 30
Page 12				
1. 56	2. 23	3. 45	4. 61	5. 40
Page 13				
1. 39	2. 8	3. 29	4. 67	5. 45
Page 14				
1. 29	2. 16	3. 88	4. 78	5. 33

[illegible]

