Year group:	1
Type of test:	End of Half Term
Term:	Spring 2
Test content:	Arithmetic
Power Maths topic:	Book 1B, Units 7 and 8

Q	ANSWER	MARK	INCORRECT ANSWERS AND MISCONCEPTIONS	EVIDENCE OF GREATER DEPTH
1	**8**	1	**Possible incorrect answer 12 (An answer like this may suggest children have added not subtracted)** This topic is covered in Unit 7, Lesson 6.	Children can solve a subtraction with a solution within 10.
2	**27**	1	**Possible incorrect answer 28 or 26 (An answer like this may suggest children have counted down one too few or one too many)** This topic is covered in Unit 7, Lesson 7.	Children can solve a subtraction with a solution within 50 by counting back in 1s.
3	**15**	1	**Possible incorrect answer 14 (An answer like this may suggest children have counted up one too few)** This topic is covered in Unit 7, Lesson 1.	Children can solve an addition with a solution within 20.
4	**28**	1	**Possible incorrect answer 30 (An answer like this may suggest children have counted up too many)** This topic is covered in Unit 8, Lesson 7.	Children can find 1 more or 1 less than any number within 50.
5	**7**	1	**Possible incorrect answer 8 (An answer like this may suggest children have included 19 when counting 12 down from 19)** Children may incorrectly identify the operation needed. This revision topic is covered in Unit 7, Lessons 7 and 8.	Children can solve a subtraction with a solution within 20 by counting back. Children recognise that the solution can be found by counting back or finding the difference. Children can represent the calculation using a bar model.

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6	**4**	1	**Possible incorrect answer 5 (An answer like this may suggest children have included 20 when counting 16 down from 20)** Children may incorrectly identify the operation needed. This revision topic is covered in Unit 7, Lessons 7 and 8.	Children can solve a subtraction with a solution within 20 by counting back. Children recognise that the solution can be found by counting back or finding the difference. Children can represent the calculation using a bar model. Children can link the number fact shown in the calculation to their understanding of number bonds to 10.
7	**9**	1	**Possible incorrect answer 10 (An answer like this may suggest children have included 18 when counting 9 down from 18)** This topic is covered in Unit 7, Lessons 7 and 8.	Children can solve a subtraction with a solution within 20 by counting back. Children recognise that the solution can be found by counting back or finding the difference. Children can represent the calculation using a bar model.
8	**14**	1	**Possible incorrect answer 0 (An answer like this may suggest children have only subtracted them)** This topic is covered in Unit 7, Lesson 4.	Children can find all doubles up to double 10.
9	**35**	1	**Possible incorrect answer 37 (An answer like this may suggest children have added the numbers shown)** This topic is covered in Unit 8, Lesson 7.	Children can find 1 more or 1 less than any number within 50.
10	**5**	1	**Possible incorrect answer 29 (An answer like this may suggest children have added the numbers shown)** This topic is covered in Unit 7, Lesson 10.	Children can solve a subtraction with a solution within 20 by counting back. Children recognise that the solution can be found by counting back or finding the difference. Children can represent the calculation using a bar model.

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11	**6**	1	**Possible incorrect answer 22 (An answer like this may suggest children have added the numbers shown)** This topic is covered in Unit 7, Lesson 10.	Children can solve an addition with a solution within 50.
12	**50**	1	**Possible incorrect answer 48 or 49 (An answer like this may suggest children have counted up incorrectly)** This topic is covered in Unit 7, Lesson 2.	Children can solve an addition with a solution within 50.

Mark range	Level
0 – 2	Below
3 – 4	Towards
5 – 7	Expected
8	Secure
9 – 10	Towards greater depth
11 – 12	Greater depth