National Curriculum Objectives:

Mathematics Year 1: (1N2c) Read and write numbers from 1 to 20 in numerals and words

Differentiation:

Questions 1, 4 and 7 (Reasoning)

Developing Read two simple statements describing an unknown number and decide which is correct. Numbers between 1 and 10.

Expected Read two simple statements describing an unknown number and decide which is correct. Numbers between 11 and 20.

Greater Depth Read two simple statements describing an unknown number and decide which is correct. Numbers between 20 and 30.

Questions 2, 5 and 8 (Reasoning)

Developing Given three numbers between 1 and 10 arranged in ascending order, determine which one is out of order or missing.

Expected Given four numbers between 11 and 20 arranged in either ascending or descending order, determine which one is out of order or missing.

Greater Depth Given four numbers between 20 and 30 arranged in either ascending or descending order, determine which numbers are out of order or missing.

Questions 3, 6 and 9 (Problem Solving)

Developing Find two or three possible missing numbers within given parameters between 1 and 10.

Expected Find three or four possible missing numbers within given parameters between 11 and 20.

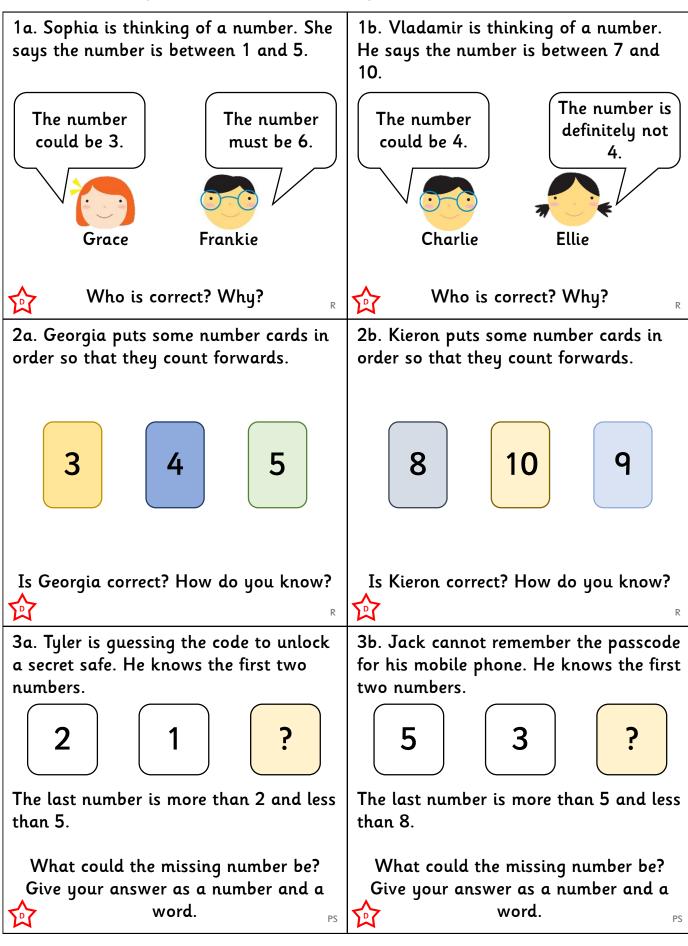
Greater Depth Find three or four possible missing numbers within given parameters between 20 and 30.

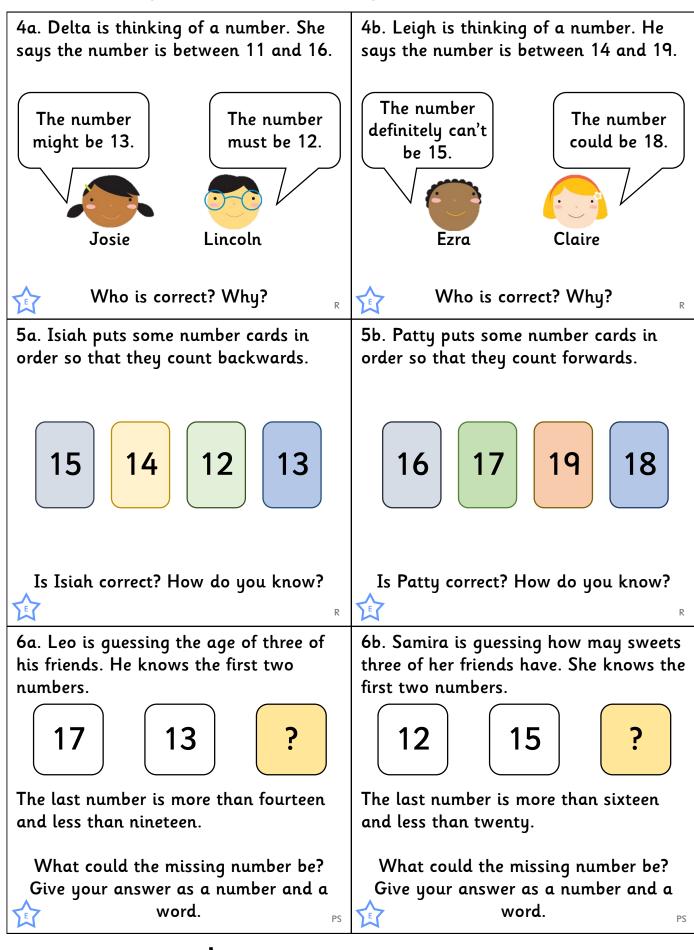
More resources which follow the same small steps as White Rose.

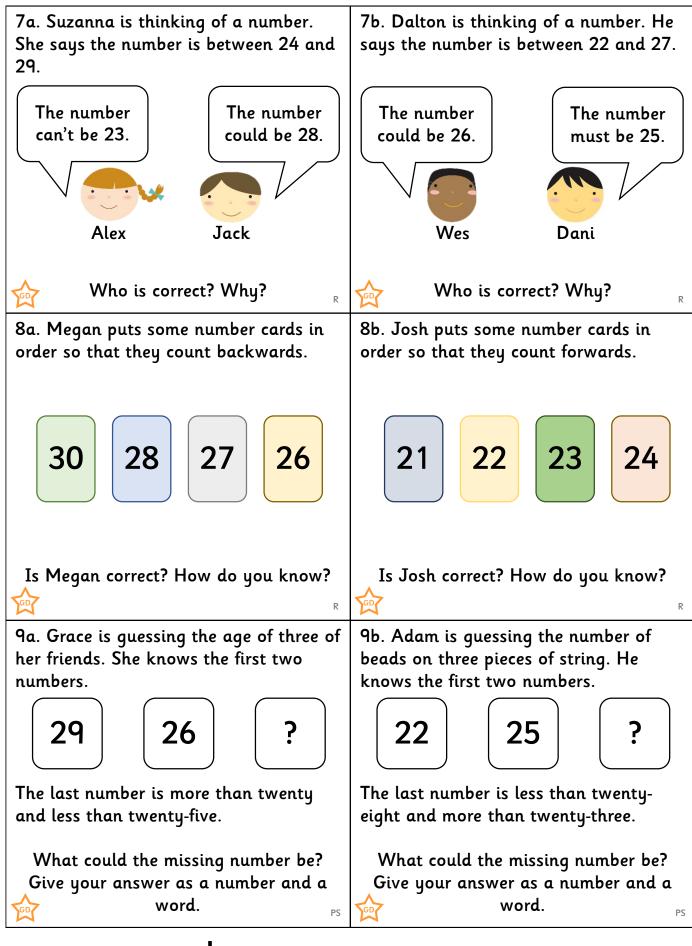
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Developing

- 1a. Grace is correct because 3 is between 1 and 5. Frankie is incorrect because 6 comes after 5.
- 1b. Ellie is correct because 4 is not between 7 and 10. Charlie is incorrect because 4 is not between 7 and 10.
- 2a. Georgia is correct the numbers are in order.
- 2b. Kieron is wrong. He has the 9 and 10 the wrong way round. It should be 8, 9, 10.
- 3a. Possible answers: 3, three; 4, four.
- 3b. Possible answers: 6, six; 7, seven.

Expected

- 4a. Josie is correct because 13 is between 11 and 16 and she recognises there are more possibilities (12, 14, 15). Lincoln is incorrect because he thinks there can only be one answer.
- 4b. Claire is correct because 18 is between 14 and 19 and she recognises there are more possibilities (15, 16, 17). Ezra is incorrect because he thinks 15 is not between 14 and 19.
- 5a. Isiah is incorrect. He has 12 and 13 the wrong way round. It should be 15, 14, 13, 12.
- 5b. Patty is incorrect. She has the 19 and 18 the wrong way round. It should be 16, 17, 18, 19.
- 6a. Possible answers: 15, fifteen; 16, sixteen; 17, seventeen; 18, eighteen.
- 6b. Possible answers: 17, seventeen; 18, eighteen; 19, nineteen.

Greater Depth

- 7a. Both Alex and Jack are correct. Alex is correct because 23 comes before 24. Jack is correct because 28 is one of the numbers between 24 and 29.
- 7b. Wes is correct because 26 is between 22 and 27 and has recognised there could be other possibilities (23, 24, 25). Dani is incorrect because he thinks that the only possibility is 25.
- 8a. Megan is incorrect because she has missed out 29.
- 8b. Josh is correct the numbers are in order.
- 9a. Possible answers: 21, twenty-one; 22, twenty-two; 23, twenty-three; 24, twentyfour.
- 9b. Possible answers: 24, twenty-four; 25, twenty-five; 26, twenty-six; 27, twentyseven.

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