Reasoning and Problem Solving Step 2: Measure Length 1

National Curriculum Objectives:

Mathematics Year 1: (1M2) Measure and begin to record: lengths and heights

Differentiation:

Questions 1, 4 and 7 (Reasoning)

Developing Identify and explain whether a statement is correct. Uses the exact number of non-standard units with objects placed in line with the start of the non-standard units. Expected Identify and explain whether a statement is correct. All objects placed in line with the start of the non-standard units.

Greater Depth Identify and explain whether a statement is correct. Objects placed at different starting points along the non-standard units.

Questions 2, 5 and 8 (Problem Solving)

Developing Give the possible measurement of an object which fits a set of given criteria. Uses the exact number of non-standard units with objects placed in line with the start of the non-standard units.

Expected Give 2 possible measurements of an object which fits a set of given criteria. All objects placed in line with the start of the non-standard units.

Greater Depth Give 3 possible measurements of an object which fits a set of given criteria. Objects placed at different starting points along the non-standard units.

Questions 3, 6 and 9 (Reasoning)

Developing Identify the mistake made when measuring. Uses different types of non-standard units.

Expected Identify the mistake made when measuring. Uses different types of non-standard units with objects placed in line with the start of the non-standard units.

Greater Depth Identify the mistake made when measuring. Uses different types of non-standard units with objects places at different starting points along the non-standard units.

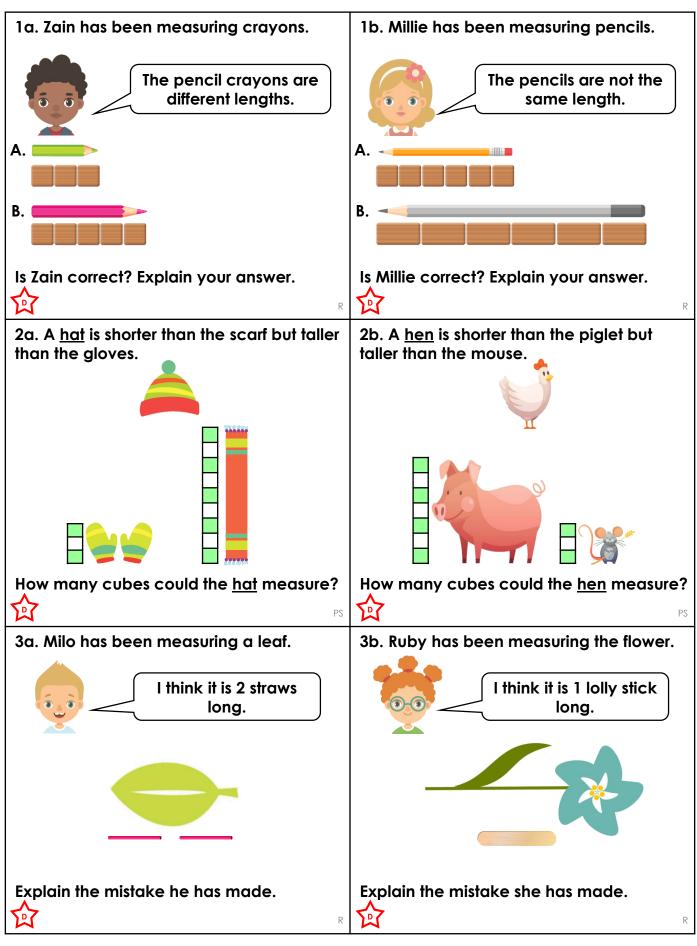
More <u>Year 1 Length and Height</u> resources.

Did you like this resource? Don't forget to review it on our website.



Measure Length 1

Measure Length 1

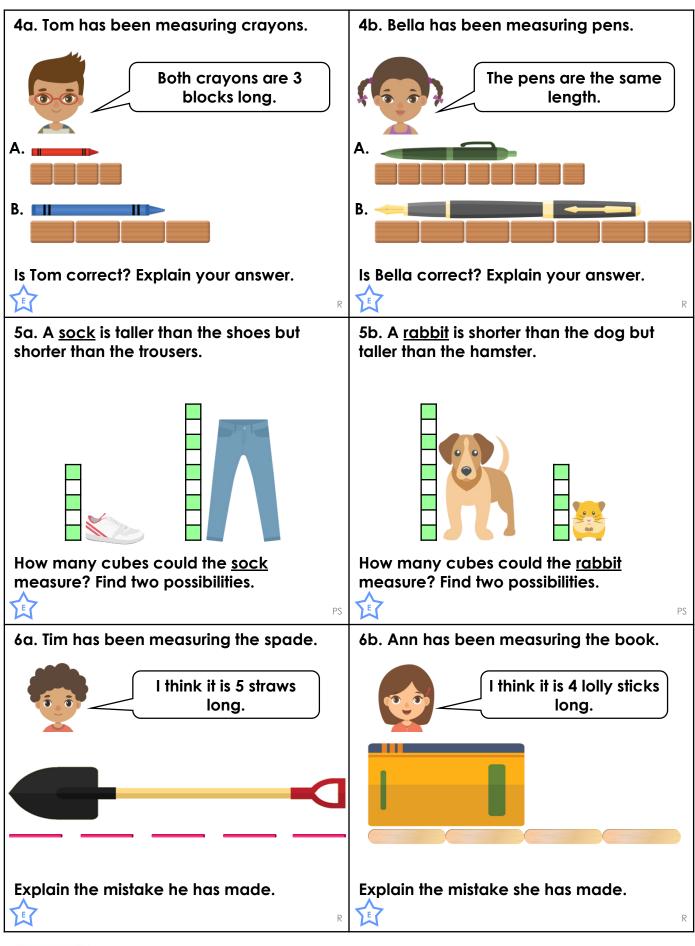




classroomsecrets.co.uk

Measure Length 1

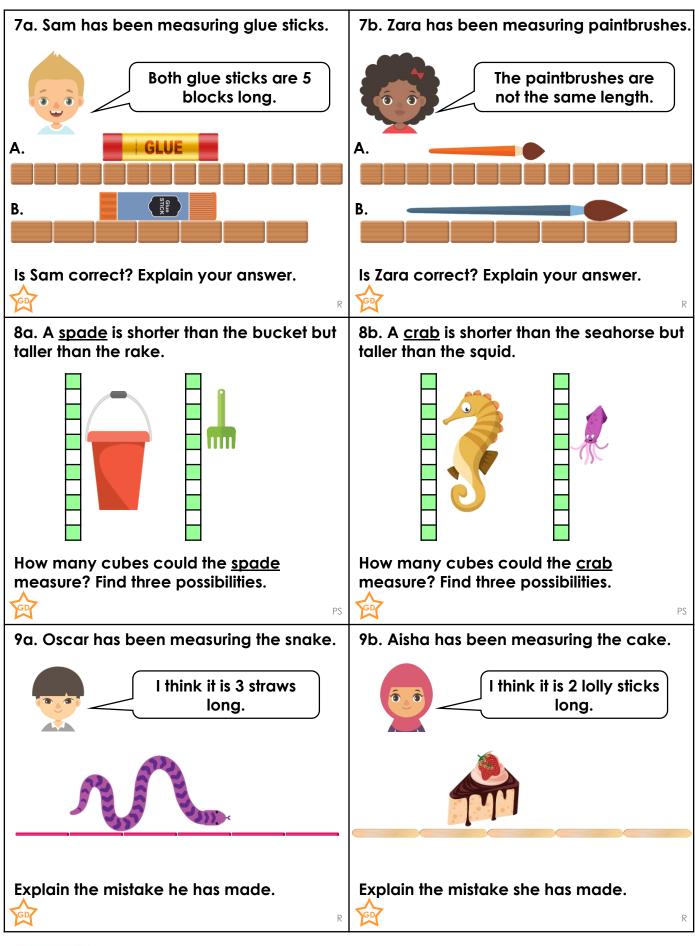
Measure Length 1





Measure Length 1

Measure Length 1





Reasoning and Problem Solving Measure Length 1

Developing

1a. Zain is correct because pencil B measures 5 blocks, which is more than pencil A.

2a. Various answers, for example: 6, 7, 8 3a. Milo has not placed the straws so the ends are touching, so the leaf is longer than 2 straws.

Expected

4a. Tom is correct. The crayons are both 3 blocks long but A is shorter than B, as A's blocks are shorter in size.

5a. Various answers, for example: 3, 4, 5 6a. Tim has not placed the straws so the ends are touching. The spade will be longer than 5 straws.

Greater Depth

7a. Sam is correct but needs to say that both glue sticks are 5 small blocks long. The glue sticks are the same length. 8a. 5, 6 and 7 cubes.

9a. Oscar has measured the current object accurately, but if the snake was lying straight, it would be longer than 3 straws.

Reasoning and Problem Solving Measure Length 1

Developing

1b. Millie is correct because although both pencils measure 6 blocks, B pencil's blocks are longer in size.

2b. Various answers, for example: 4, 5, 6 3b. Ruby has placed only 1 lolly stick by the flower. She needed to place lolly sticks the full length of the flower with their ends touching.

Expected

4b. Bella is incorrect. Although both pens measure 6 blocks, B is longer because the blocks used are longer in size.

5b. Various answers, for example: 4, 5, 6 6b. Ann has counted past the end of the book. The length of the book is 2 lolly sticks.

Greater Depth

7b. Zara is correct because although both paintbrushes measure 5 blocks, B is longer than A because B's blocks are longer in size.

8b. Various answers, for example: 4, 5, 6 9b. Aisha hasn't correctly aligned the cake at the start of the lolly sticks.

