

## Mrs Howlett's Maths Challenge 15<sup>th</sup> June 2020

This week's questions are all about the world's tallest trees.

Name \_\_\_\_\_

Date \_\_\_\_\_



### PROBLEM SOLVING - TALLEST TREES (METRIC)

Here is a selection of some of the tallest trees in the world today.

Tree	Height (m)	Order of height
Australian Mountain Ash		
Coast Douglas Fir	99	
Coast Redwood	116	
Giant Sequoia		
Manna Gum	89	1
Sitka Spruce		
Tasmanian Blue Gum	91	

1) Use the data below to complete the missing information in the table.

- The Sitka Spruce is 8m taller than the Manna Gum tree.
- The Giant Sequoia is 21m shorter than the Coast Redwood.
- The Australian Mountain Ash is 11m taller than the Manna Gum.

2) Put the trees in order of height, from 1 to 7, with 1 being the shortest and 7 being the tallest.

3) How much taller is the Coast Redwood than the Sitka Spruce? \_\_\_ m

4) How much shorter is the Manna Gum than the Coast Redwood? \_\_\_ m

5) Tyger climbs halfway up a tree. He is  $45\frac{1}{2}$ m off the ground. Which tree has he climbed? \_\_\_\_\_

6) The height of a mature oak tree is about 21m. Tyger says "The Coast Redwood is taller than 5 mature oak trees." Is he correct? \_\_\_\_\_

#### Extension:

Using the information in the table, write a question of your own – make sure you have worked out the answer so you can challenge your parent, carer or sibling to find the answer.