

# Spring 2 Challenge 2

Put your entry in the CMC box by  
the end of school on:

**Tuesday 4<sup>th</sup> February**

## EYFS (Nursery and Reception)

Maisie, Jake and Asif were building snowmen and then measuring them using Duplo bricks. This is what they said about them

Maisie: "My snowman is 8 Duplo bricks tall"

Jake: "My snowman is 3 Duplo bricks tall"

Asif: "My snowman is 10 Duplo bricks tall"

Who has the tallest snowman? Who has the shortest? Draw a picture of the snowman from shortest to tallest.



## KS1 (Year 1 & 2)

Ranjit was making snowballs. He put 6 in each pile. There were 5 piles in total. How many snowballs did he make altogether? Draw a picture to show your thinking.

## Lower KS2 (Year 3 & 4)



The snow has been falling for the last 15 minutes. The snow is now 52 mm deep. If it continues snowing at this rate, how deep will the snow be in cm, in one hour? Two hours? 3 and a half hours? Show your working to explain your answer.

## Upper KS2 (Year 5 & 6)

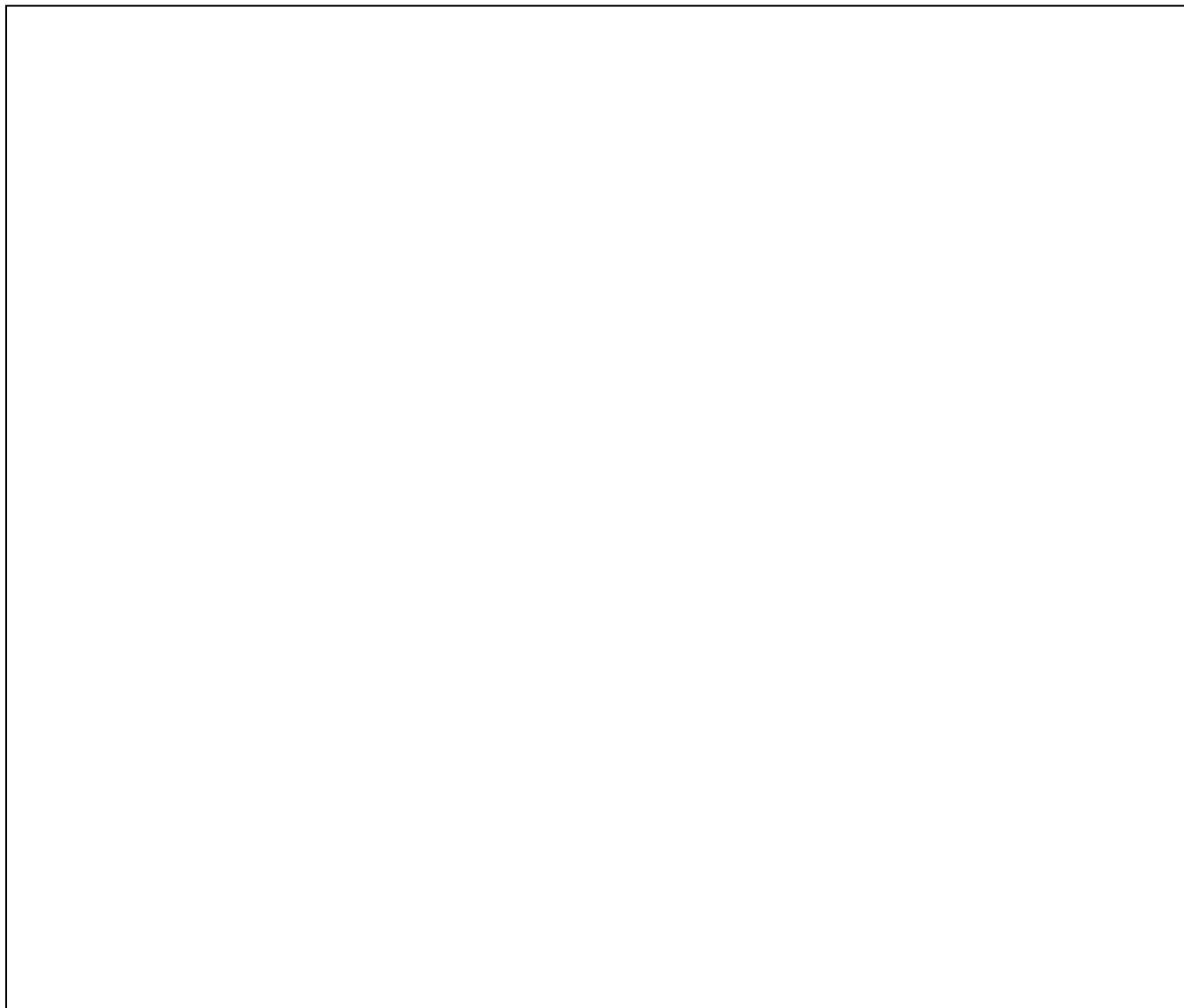
At the recent Winter Olympic games, in the ski jumping, the winner jumped 250m.

- What did the competitor in last place jump if their jump was 55m shorter?
- The top five jumps were 250m, 248m, 247.5m, 245m and 244.5m. What is the mean distance?
- The tenth place competitor jumped 10% less than the winning jump. How far did they jump?



Name: \_\_\_\_\_ Year: \_\_\_\_\_

Working out space:



Now explain how you solved the problem!

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Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head... Just make sure you show this on your solution paper!