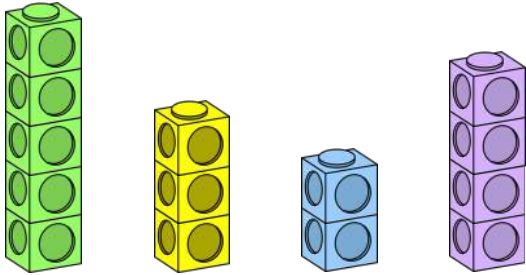


# Comparing lengths and heights

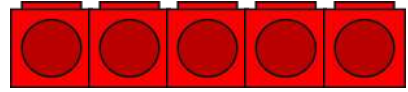


Problem solving and reasoning cards:

To make the shortest tower equal to the tallest tower how many cubes would need to be added?

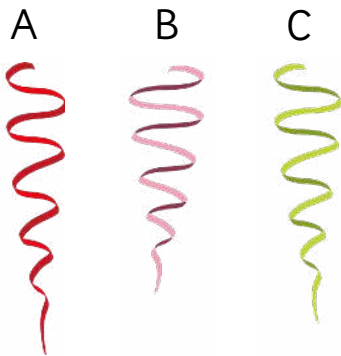


Tam is comparing red blocks and green blocks.



If the green block is the shortest, how many cubes could it have?

Order the ribbons from **shortest** to **longest**.



My tower has 5 cubes

Dom



My tower has 6 cubes.

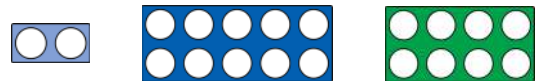
Asha

Write two sentences using the words **taller** and **shorter** to compare the children's towers.

Shortest    Longest

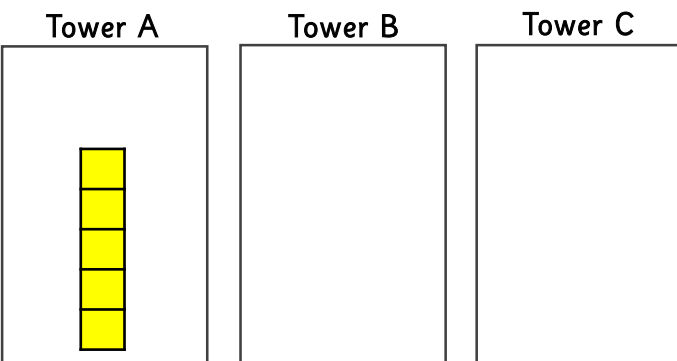
Tower C is taller than tower A.  
Tower B is shorter than tower C.  
Tower A is taller than tower B.  
Draw tower B and C.

Circle the mistake.



Shortest  $\longrightarrow$  Longest

Explain your answer.

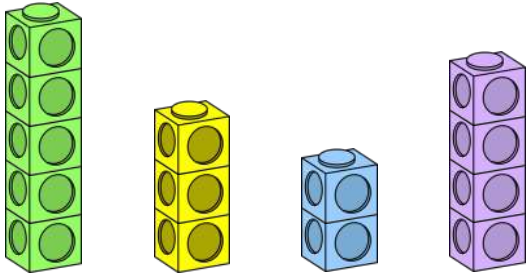


# Comparing lengths and heights



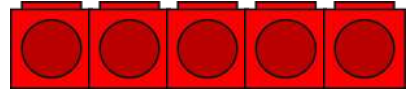
Problem solving and reasoning cards:

To make the shortest tower equal to the tallest tower how many cubes would need to be added?



3 cubes.

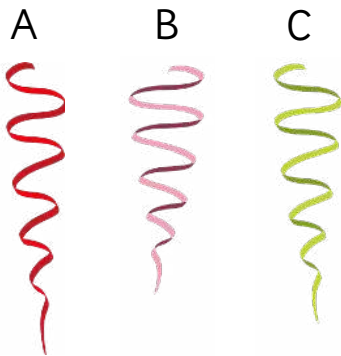
Tam is comparing red blocks and green blocks.



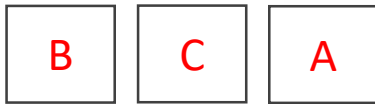
If the green block is the shortest, how many cubes could it have?

1, 2, 3 or 4

Order the ribbons from shortest to longest.



Shortest



Longest



My tower has 5 cubes

Dom



My tower has 6 cubes.

Asha

Write two sentences using the words **taller** and **shorter** to compare the children's towers.

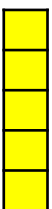
Asha's tower is taller than Dom's tower.  
Dom's tower is shorter than Asha's tower.

Tower C is taller than tower A.  
Tower B is shorter than tower C.  
Tower A is taller than tower B.  
Draw tower B and C.

Tower A

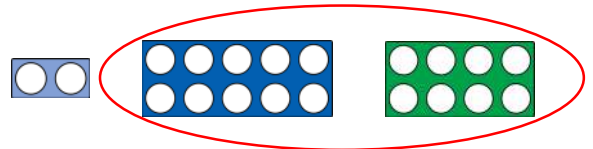
Tower B

Tower C



Any drawn representations to show shortest to tallest:  
B, A, C

Circle the mistake.



Shortest

Longest

Explain your answer.

The blue and green number frame needs swapping round as the blue frame is longer than the green frame.