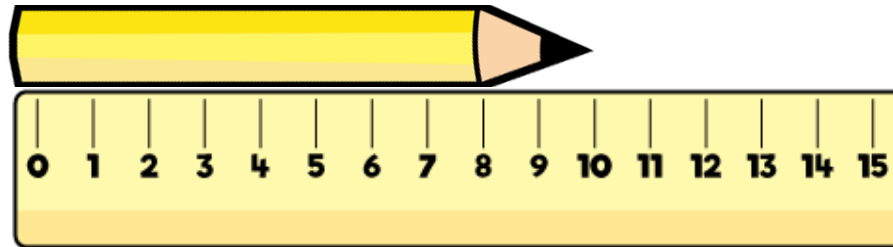Teddy measures the length of the pencil.

He says,

The length of the pencil is 10 cm.

Do you agree with Teddy?
Explain why.

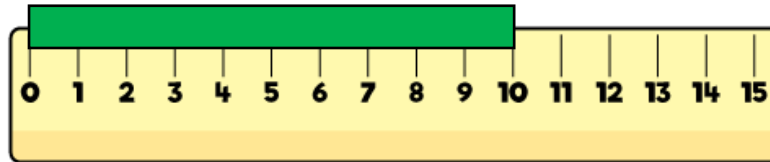Eva, Dexter and Rosie are comparing ribbons that they have.
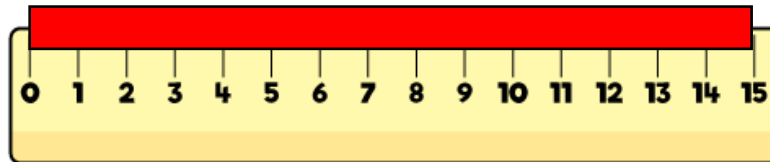
Unfortunately, Dexter has lost his ribbon.

He says,
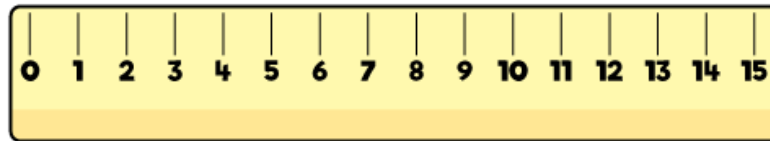
My ribbon is shorter than Rosie's, but longer than Eva's.
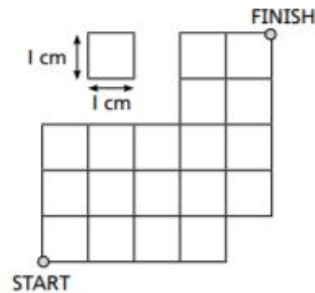
Eva

Rosie

Dexter

How long could Dexter's ribbon be?

Deepen Activities

1 Each square is 1 cm tall and wide.

Draw the shortest way to get from Start to Finish along the lines.

FINISH

1 cm

1 cm

START

I went up, across, up, across, like steps.

Are there other ways of doing it?

2 A pencil is 8 cubes long. A pen is I cube shorter than the pencil. The pencil is 7 cubes shorter than a ruler.

a) How many cubes long are the pen and the ruler?

b) What is the total length of all the objects?

Tell your partner how you found the answer. Did they use the same method?

I don't need to use cubes to work out the lengths!

3 Work with a partner.

I'm going to find some objects that are 10 cm long.

Without looking at a ruler, each draw a line 10 cm long.

a) Use a ruler to measure your lines. Whose is nearest to 10 cm?

b) Try drawing some other lengths.