



Colin and Coco's Deliberate Practice

Year 1 Unit 8

Measurement: Length

Answers





Contents

This pack of deliberate practice is designed to be used flexibly to secure the manageable steps of this unit.

The table below indicates which activities are linked to which manageable steps.

	Do It	Challenge It	Play It
Compare lengths using the language of longer than and shorter than	1		
Order lengths			1
Measure length using non-standard units		1	
Compare heights using the language of taller than and shorter than	2		
Order heights		2	
Measure heights using non-standard units			2
Measure lengths and heights using common standard units			2

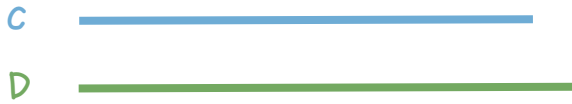


Do It 1

Put the correct letters in the sentence for each pair of lines.



Line is longer than line



Line is longer than line



Line is shorter than line



Line is shorter than line

Challenge It 1

Colin measures two toys using blocks. The total of their lengths is 15 blocks.
List all the possible pairs of lengths.

Toy A is blocks long and toy B is blocks long.



Find things to match each of the lengths.



Ordering Lengths Activity

Play It 1

You need:

Long strip of paper each

Scissors

Blocks or non-standard unit of measure

To play: (This is a collaborative activity.)

Cut your paper into five different pieces.

Compare your pieces and put them in order of length.

Find a way to describe how long each piece of paper is.

Compare your longest piece with your partner's longest piece.

Who has the longest piece? How do you know?

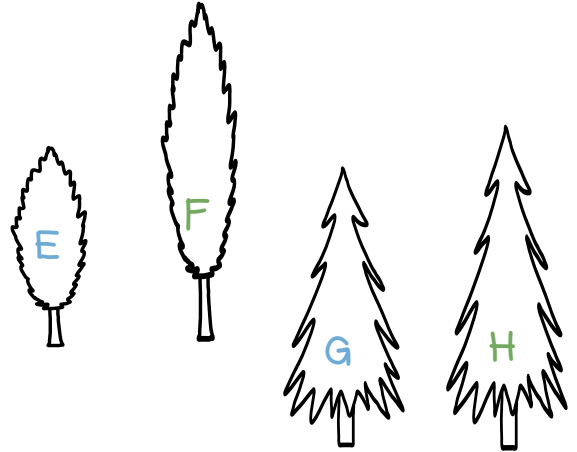
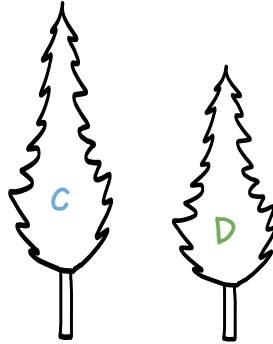
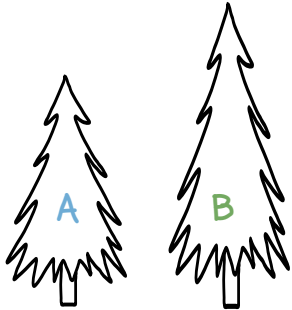
Who has the
shortest piece?
How do you
know?

Can you cut your
paper so that two
pieces are equal to
one other piece?



Do It 2

Put the correct letters in the sentence for each pair of trees.



Tree is taller than tree

Tree is shorter than tree

Tree is taller than tree

Tree is shorter than tree

Challenge It 2

5 toy trees have been measured in blocks. Find the missing digits so that the heights of the trees are in order from shortest to tallest.
Complete them in several different ways.

blocks 2 blocks 1 blocks blocks 2 blocks



Solve them together using the digits 0 - 5 once each.



Measuring Activity

Play It 2

You need:

Long piece of string each
Rulers or measuring tapes

To play: (This is a collaborative activity.)

Cut your string into four different pieces.

Measure your pieces in blocks and put them in order of length.

Now measure them in centimetres. Does the order change?

Compare your longest piece with your partner's longest piece.

Who has the longest piece? How do you know?

Who has the
shortest piece?
How do you
know?

Can you cut your
string so that three
pieces are equal to
a fourth piece?