

Compare Lengths and Heights

Adult Guidance with Question Prompts



Children use and understand the language of length and height such as longer, shorter and taller. They should also investigate lengths and heights that are equal to one another. When comparing length and height, children should measure from the same starting point. Make sure children use the correct terms when describing height, e.g. taller instead of longer.

Who is taller/shorter out of the lion and the tiger?

Why do you think the lion and tiger are standing on a line?

Can you find a friend that is taller/shorter/the same height as you?

Which pencil is the longest/shortest?

Would it be fair if one of the pencils wasn't touching the pink line? Explain why.

Can you find something longer/shorter/the same length as the yellow pencil?

Can you think of things that you could say about each pair.

Continue to compare heights and lengths of objects in your classroom.

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Use these words to compare the heights.

I am _____ than you.

taller

shorter

I am _____ than you.

Which pencil is the longest? Which pencil is the shortest?

Compare these pairs.

Useful words:

length height taller shorter longer same



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Are the elephants correct?

Can you think of better words we can use to compare their heights?

Find two things that are different heights. Which is the tallest and which is the shortest?

Do you think the carrots are the same length?

How could we find out?

Can you find two things that are the same length?

Pick a vehicle.

What can you tell me about its length/height compared to the others?

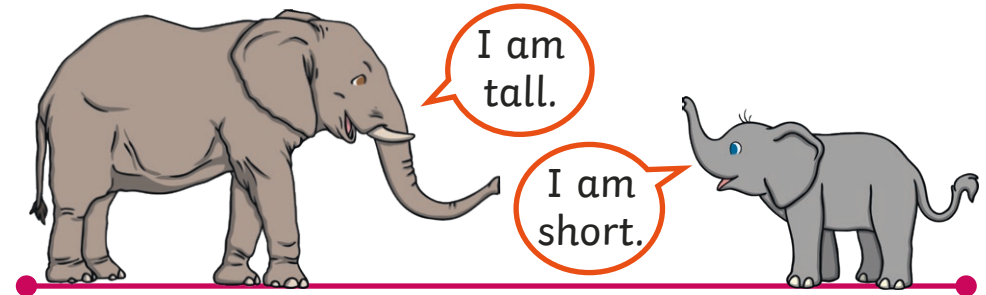
What can you tell me about the height and length of the cement mixer compared to the dump truck and the front loader?

Can you find three things and compare their heights and lengths?

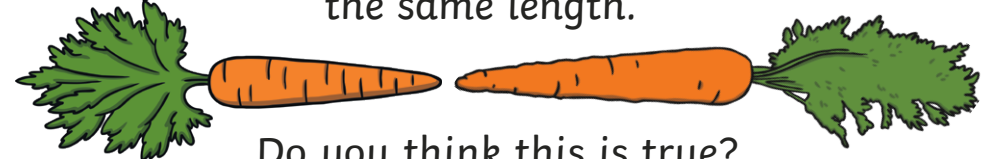
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Could the elephants use better words to compare their heights?



These carrots are the same length.



Do you think this is true?
What could you do to find out?



Compare the length and height of these vehicles.

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What do you need to check before we start looking for things?

Where do you need to put the objects so you can compare their lengths with the feathers?

Can you find some friends that are taller than you but shorter than your teacher?

What do you notice about the caterpillars?

What can you do to find out if they are the same length?

Will your activity be about height or length?

What are you going to use?

What questions will you ask?

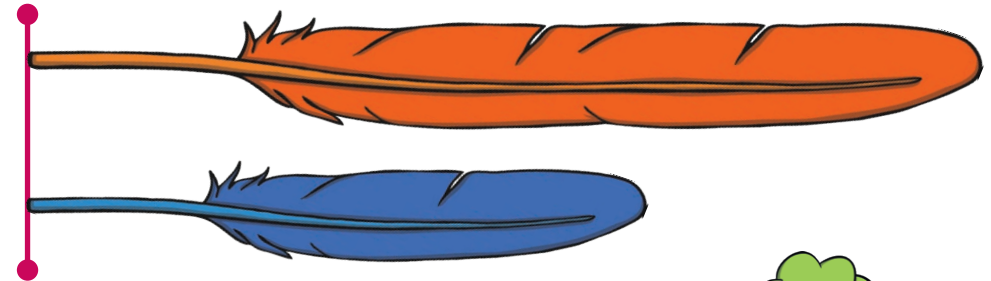
How can they show you that they understand how to compare length or height?

Which words will you be listening for?

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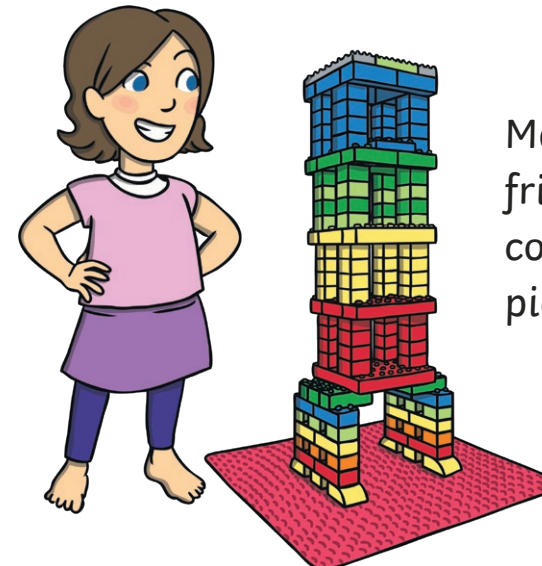
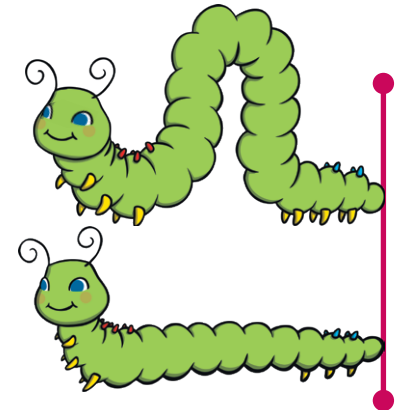


How many things can you find that are shorter than the orange feather but longer than the blue feather?



Are these caterpillars the same length?

How do you know?



Make a challenge for your friends. You could make a collection of things, draw pictures or make models.

Can your friends compare the heights or lengths?