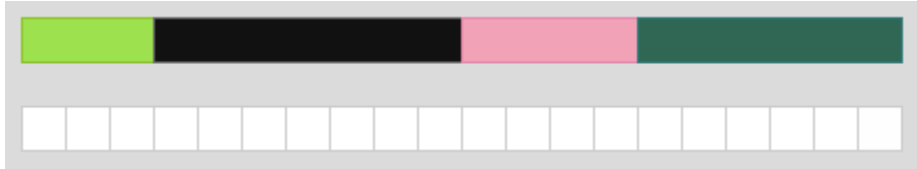




Same Length Trains

Matt and Katie were using Cuisenaire rods. They placed rods end to end to make 'trains'.

Here are their two trains:



What is the same about the two trains?

What is different?

You might have noticed:

- the trains are the same length as each other
- the top train uses rods that are all different (light green, black, pink and dark green)
- the bottom train uses rods that are all the same (white)
- there are four rods in the top train
- there are 20 rods in the bottom train
- the white rods are the shortest
- the white rods are all the same length
- each colour rod is a different length

Can you make some more trains the same length as Matt's and Katie's trains, each using rods of just one colour?

How many different trains can you make?