

Discussion Problems

Step 1: Sorting Objects

National Curriculum Objectives:

Mathematics Year 1: (1N4) [Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than \(fewer\), most, least](#)

Mathematics Year 1: (1N2c) [Read and write numbers from 1 to 20 in numerals and words](#)

About this resource:

As this resource is aimed at Year 1, we recommend that an adult reads the problem to children who cannot yet access it for themselves.

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 1 Place Value](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Sorting Objects

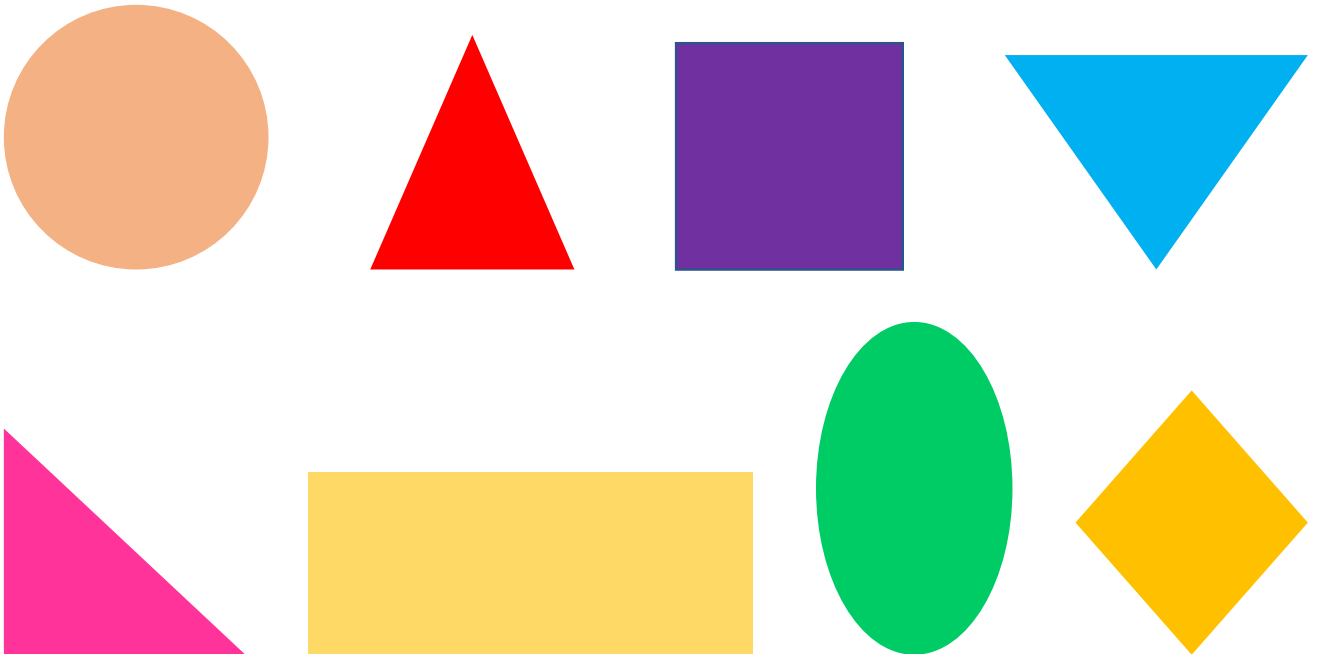
1. Jack is tidying his room and wants to group his toys together. He has already grouped some.



Investigate the different ways he can group the rest of his toys.

DP

2. Find three different ways of sorting the following shapes.



DP

Sorting Objects

1. Jack is tidying his room and wants to group his toys together. He has already grouped some.

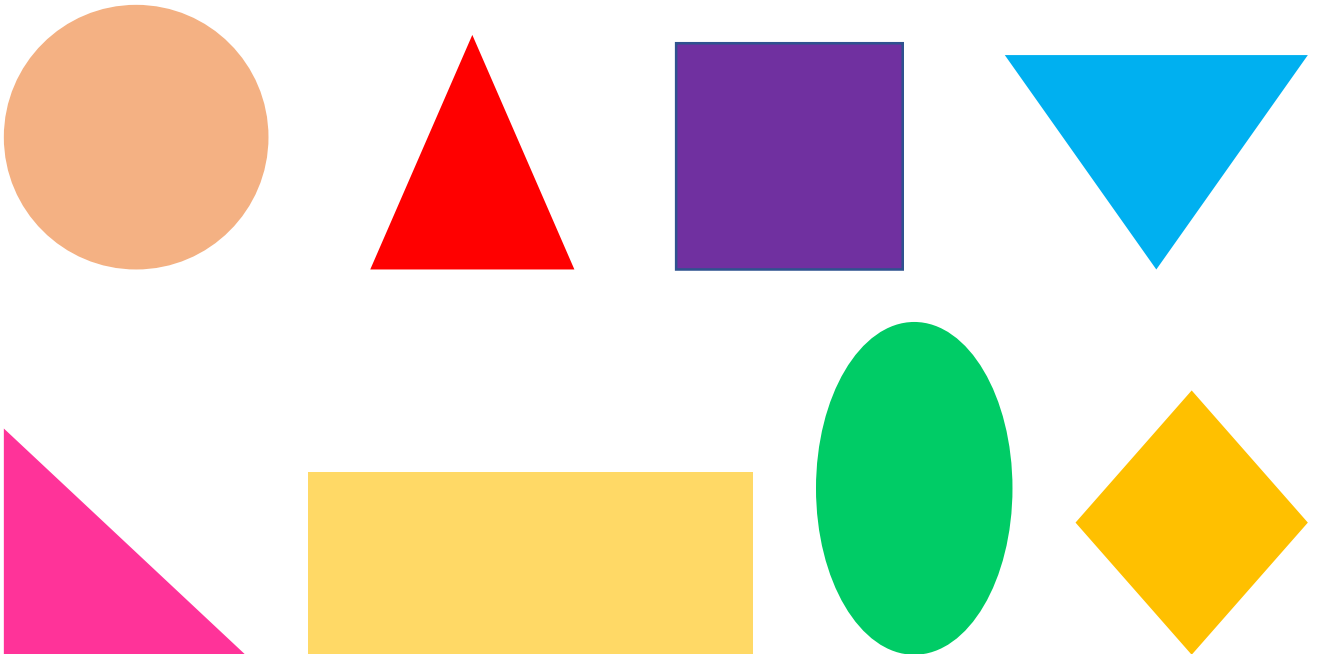


Investigate the different ways he can group the rest of his toys.

Various answers, for example: grouping train, bus, helicopter and fire engine as transport.

DP

2. Find three different ways of sorting the following shapes.



Various answers, for example: sorting the triangles together.

DP