

## Discussion Problems

### Step 10: Introducing Greater Than, Less Than and Equal To

#### 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](#)

This resource also covers the following objective from Year 2:

Mathematics Year 2: (2N2b) [Compare and order numbers from 0 up to 100; use  \$<\$ ,  \$>\$  and  \$=\$  signs](#)

#### 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.

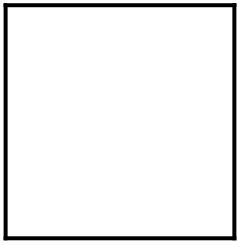
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

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

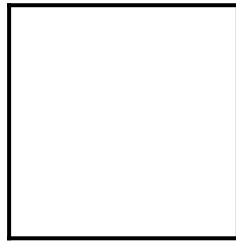
Did you like this resource? Don't forget to [review](#) it on our website.

# Introducing Greater Than, Less Than and Equal To

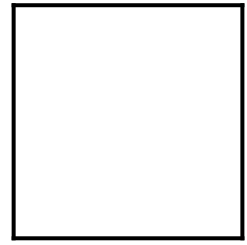
1. Bob has dropped his set of cards. He chose 3 to complete the statement. Which 3 could he have picked? Explore all possibilities.



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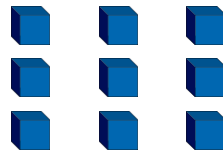
2



three



six



10

DP

2. With a partner and 2 dice, take turns to roll a number. Compare your numbers using the symbols below. Investigate how many statements you can create.

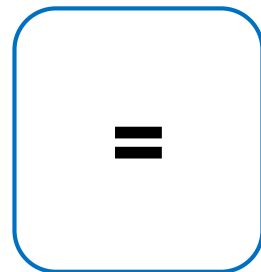
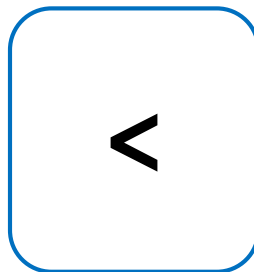
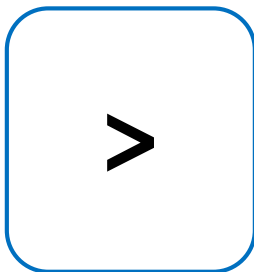
For example:



3

>

2



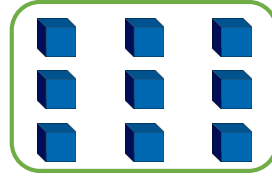
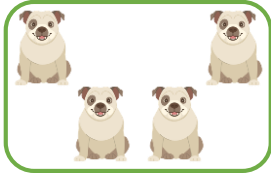
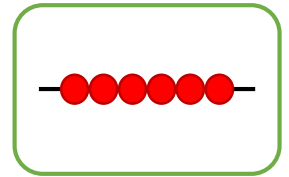
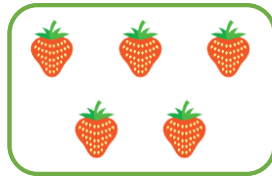
DP

# Introducing Greater Than, Less Than and Equal To

1. Bob has dropped his set of cards. He chose 3 to complete the statement. Which 3 could he have picked? Explore all possibilities.

Various answers, for example:

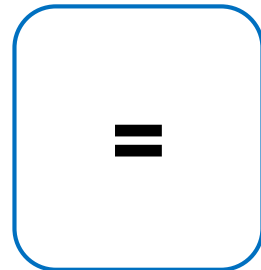
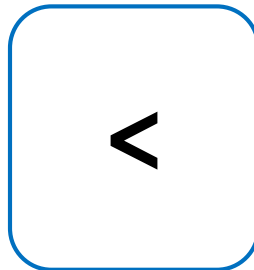
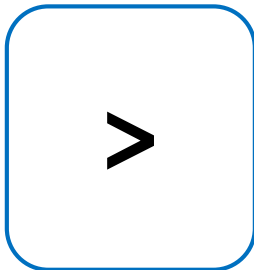
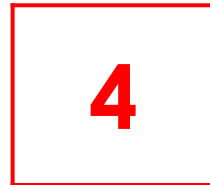
$$\boxed{2} < \boxed{\text{six}} < \boxed{10}$$



DP

2. With a partner and 2 dice, take turns to roll a number. Compare your numbers using the symbols below. Investigate how many statements you can create.

Various answers, for example:



Accept any answer where the comparison symbol is used correctly.

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