

Discussion Problems

Step 2: Compare and Order

National Curriculum Objectives:

Mathematics Year 6: (6N2) [Read, write, order and compare numbers up to 10,000,000](#)

About this resource:

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 6 Place Value](#) resources.

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Compare and Order

1. Tarquin is looking to purchase a yacht to add to his collection.







<p>A.</p>  <p>£ 987,641</p>	<p>B.</p>  <p>£ 2,346,725</p>	<p>C.</p>  <p>£ 5,675,899</p>	<p>D.</p>  <p>£ 1,348,009</p>
<p>E.</p>  <p>£ 700,989</p>	<p>F.</p>  <p>£ 3,732,500</p>	<p>G.</p>  <p>£ 4,708,210</p>	<p>H.</p>  <p>£ 1,000,009</p>

Investigate the different number statements you can create using the inequality symbols below.

	$<$	$>$	
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DP

2. Sophia has a budget of £6.5 million to buy a mansion. Arrange the mansions below in ascending order according to price.









<p>A.</p>  <p>Six hundred and seventy thousand, two hundred and thirty pounds</p>	<p>B.</p>  <p>Three million, two hundred and twenty thousand and nine pounds</p>	<p>C.</p>  <p>£4,999,999</p>
<p>D.</p>  <p>Five million, three hundred thousand, two hundred and ten pounds</p>	<p>E.</p>  <p>£8,567,100</p>	<p>F.</p>  <p>Two hundred and seventy thousand and fifty pounds</p>

Which mansions are within Sophia's budget?

DP

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Various answers, for example:

B	<	C	>	D
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Which mansions are within Sophia's budget?

F, A, B, C, D, E. Sophia could purchase all except E.

DP