

The Problem:
 Ralph has a collection of coloured flags for his sailboat. He can raise them in any order. When he chooses one colour there is only one order to raise that flag. When he chooses two different colours, he can raise them in two different orders. How many different orders can Ralph raise three coloured flags? Four? Five? Is there a pattern?

What do we want to know?

What is the important information?

How should we go about solving this problem?

<p>Strategy Toolbox:</p> <p>Add</p> <p>Subtract</p> <p>Multiply</p> <p>Divide</p> <p>Make a picture</p> <p>Make a table</p> <p>Make a model</p> <p>Make the problem smaller</p> <p>Guess and check</p> <p>Work backwards</p>	<p>Workspace (attach other pages if needed)</p>
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What is your solution?

Does this solution make sense?

Reflection on this problem:

Did you complete all the sections of the worksheet?

Is your work clearly presented so that others may understand how you solved this problem?

What was easy or difficult for you as your solved this problem?

Any other comments:
