

18th June	Corbettmaths
Work out $\sqrt{150} - \sqrt{24}$	
$\mathbf{c} = \begin{pmatrix} -3 \\ q \end{pmatrix}$ $\mathbf{d} = \begin{pmatrix} p \\ 2 \end{pmatrix}$	Work out the values of $p$ and $q$
Given $4\mathbf{d} - \mathbf{c} = \begin{pmatrix} 1 \\ -7 \end{pmatrix}$	
	Calculate the total distance travelled
The difference between the squares of any two consecutive integers is equal to the sum of the two integers.	
Here are six number tiles. <input type="text" value="3"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="5"/> <input type="text" value="5"/>	
Two tiles are taken without replacement. Work out the probability that the number on the second is less than the number on the first tile.	

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