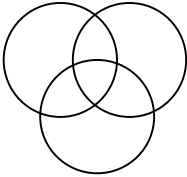


<p>Prep VI are comparing whether they received homework from Maths, English and PE.</p>	<p>Jake had more homework than Talai.</p>	<p>Grace had homework from all three subjects. Finn and Dougie only had one piece each.</p>
 <p>You may find this useful.</p>	<p>Seven students in total have Maths homework but Talai isn't one of them.</p>	<p>Henry received homework from Maths and PE but not English.</p>
<p>Four students received two pieces of homework.</p>	<p>Two of the group just have PE homework and they are both male.</p>	<p>Gail is the only girl with no homework.</p>
<p>Finn has more homework than William.</p>	<p>Mabel is one of two people who just have Maths homework.</p>	<p>Grace and Finn do not have PE homework.</p>
<p>Jasper has less homework than Ashley.</p>	<p>Nobody in the group just has English homework.</p>	<p>None of the girls has exactly the same homework as another girl.</p>
<p>Five students must write an essay for English.</p>	<p>What is the probability that one of the students chosen at random has three pieces of homework?</p>	<p>There are 7 boys and 5 girls.</p>

Solution: $P(\text{all 3 homeworks}) = 2/12 = 1/6$

