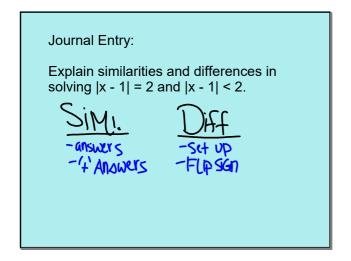
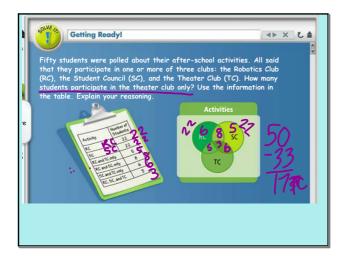
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Section 3-8
Unions and Intersections of Sets

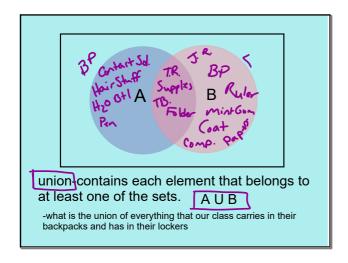
Students will be able to find the union and intersections of sets.

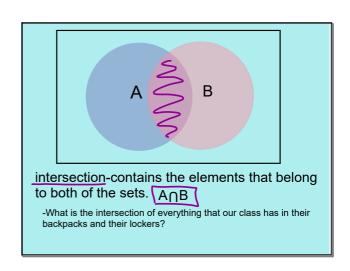
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Venn Diagrams create regions that show union and intersections.

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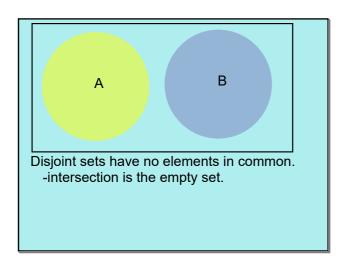




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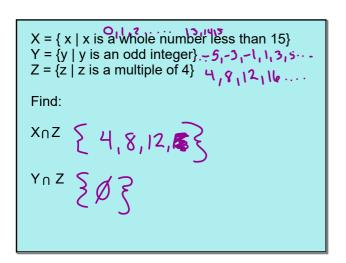


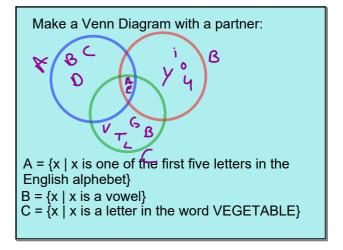
P = {x | x is a whole humber less than 5}
Q= {y | y is an even natural number less than 5}
What is PUQ? 2,4

\$0,1,2,3,4\$
What is PnQ?
\$2,43

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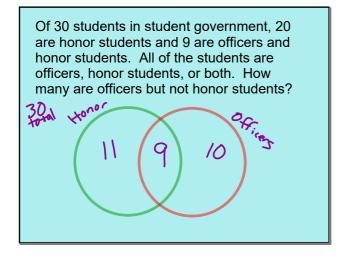
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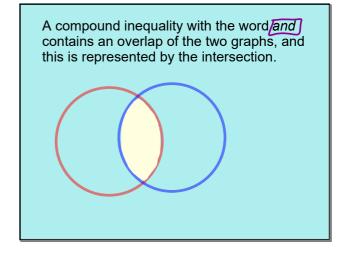




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Write the solutions as unions or intersections.

 $3 \le x \le 6$ 

x < -2 or x > 5

 $X \ge 3 \cap x \le 6$  X < -20 x > 5

Hwk: pg 218 - 220 #14 - 20 evens, 24 - 40 (4th), 46, 48, 52, 60 - 63 all

Nov 8-3:26 PM Nov 8-3:19 PM