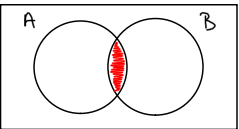
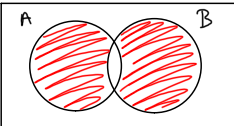


NOV 29/07

"AND", "OR" AND "NOT" AND VENN DIAGRAMS



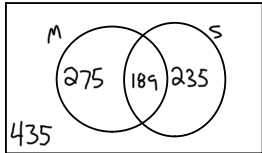
THIS SET OF ELEMENTS OVERLAP
A AND B $A \cap B$



SET A OR SET B
 $A \cup B$

NOV 29-9:08 AM

Ex. 435 STUDENTS ARE ENROLLED IN S4. 275 ARE TAKING MATH AND 235 ARE TAKING SCIENCE. 189 ARE TAKING BOTH. HOW MANY ARE TAKING NEITHER MATH NOR SCIENCE.



$275 + 235 - 189 = 321$

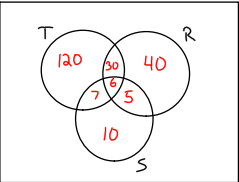
$435 - 321 = 114$

$\therefore \overline{M \cup S} = 114$

NOV 29-9:16 AM

Ex. EACH MEMBER OF A SPORTS CLUB PLAY AT LEAST ONE OF THE FOLLOWING SPORTS: SOCCER, RUGBY, OR TENNIS.

- 163 PLAY TENNIS, 36 PLAY TENNIS AND RUGBY, 13 PLAY TENNIS AND SOCCER.
- 6 PLAY ALL THREE SPORTS, 11 PLAY SOCCER AND RUGBY, 208 PLAY RUGBY OR TENNIS
- 98 PLAY SOCCER OR RUGBY.



Ex #47 Q#1-8, 10, 12-15

NOV 29-9:22 AM