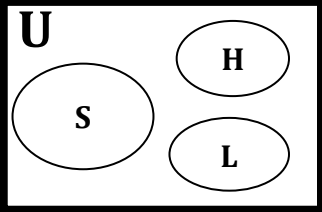
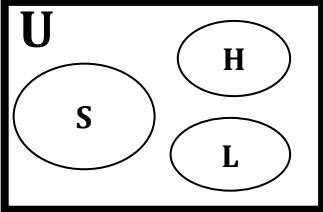
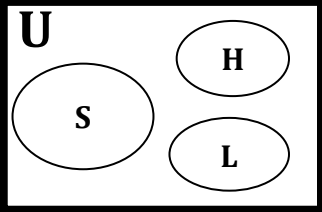
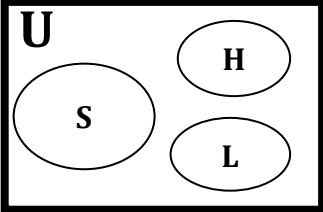


Name _____

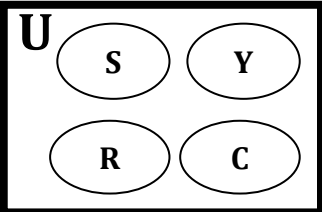
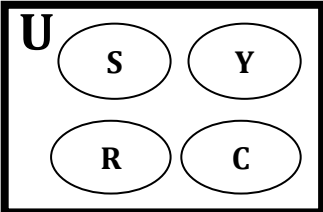
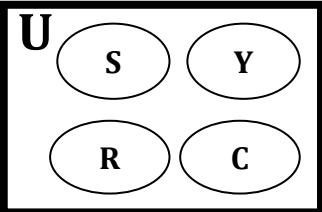
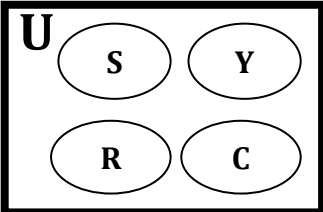
Date _____

Intersection & Union of Sets Using U Worksheet 1

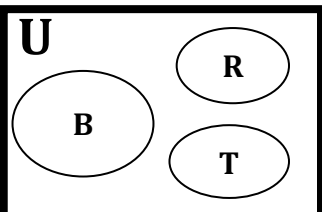
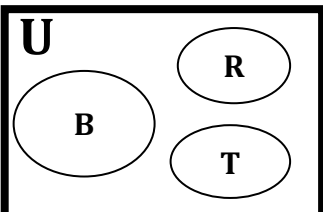
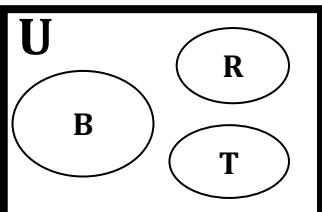
1) Steve was cleaning out his workshop and gathered 20 screwdrivers (S), 8 hammers (H), and 12 pliers (L) and organized them into a drawer. Set U is the drawer.

<p>a) $P(S) =$ _____</p> <p>Shade $P(S)$</p>		<p>b) $P(H)^C =$ _____</p> <p>Shade $P(H)^C$</p>	
<p>c) $P(S \text{ or } L) =$ _____</p> <p>Shade $P(S \text{ or } L)$</p>		<p>d) $P(H \text{ or } L) =$ _____</p> <p>Shade $P(H \text{ or } L)$</p>	

2) In November it snowed (S) 5 days, rained (R) 6, was sunny (Y) 9, and was cloudy (C) 10. Set U is the days in the month of November.

<p>a) $P(Y)^C =$ _____</p> <p>Shade $P(Y)^C$</p>		<p>b) $P(S \text{ or } R) =$ _____</p> <p>Shade $P(S \text{ or } R)$</p>	
<p>c) $P(R) =$ _____</p> <p>Shade $P(R)$</p>		<p>d) $P(S \text{ or } R)^C =$ _____</p> <p>Shade $P(S \text{ or } R)^C$</p>	

3) There were 13 bicycles (B), 7 recumbent cycles (R), and 4 tricycles (T) on display at a bike store. Set U is the inventory of the bike store.

<p>a) $P(R \text{ or } T)^C =$ _____</p> <p>Shade $P(R \text{ or } T)^C$</p>		<p>b) $P(B)^C =$ _____</p> <p>Shade $P(B)^C$</p>	
<p>c) $P(R) =$ _____</p> <p>Shade $P(R)$</p>		<p>d) $P(B \text{ or } R \text{ or } T) =$ _____</p> <p>Shade $P(B \text{ or } R \text{ or } T)$</p>	