

MATH 224
FOUNDATIONS
WORKSHEET 2 ½
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1. Draw a Venn Diagramme that illustrates for any two sets A and B: $A \cap B^c$
2. Draw a Venn Diagramme that illustrates for any two sets A and B: $A - B$
3. Draw a Venn Diagramme that illustrates for any two sets A and B: $A \cup B^c$
4. Draw a Venn Diagramme that illustrates for any two sets A and B: $A^c - B$
5. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $A \cap (B^c \cup C)$
6. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $A \cap (B^c \cup C^c)$
7. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $A \cap (B \cup C)^c$
8. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $A \cap (B \cap C)^c$
9. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $A \cup (B \cap C)^c$
10. Draw a Venn Diagramme that illustrates for any three sets A, B, and C: $((A^c - B) \cap C)^c$