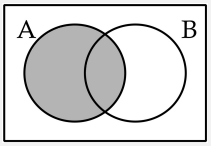
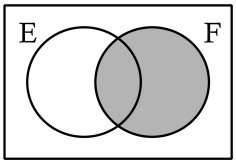
VENN DIAGRAMS – Shading Regions

Venn Diagrams represent data in a way that we can understand much better because we can see which set each element belongs to or doesn't belong to. Data enclosed in a circle belongs to that set. Data outside of the circle does not. No matter where the data is, as long as it is bound by the circle, it is a part of that set. The place where both circles overlap is called the intersection. The union is all data enclosed by both circles.



1. Tell which region is shaded in the diagrams below:

a) 

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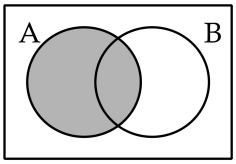
b) 

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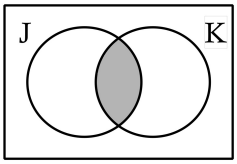
c) 

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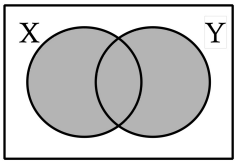
d) 

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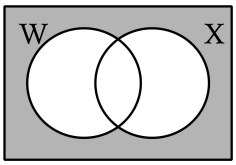
e) 

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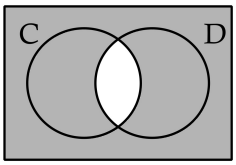
f) 

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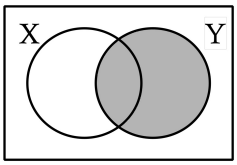
g) 

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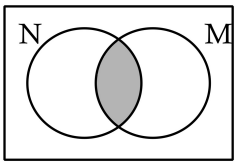
h) 

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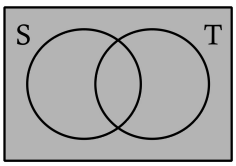
i) 

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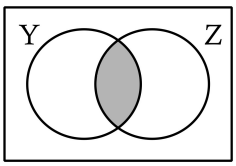
j) 

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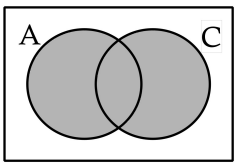
k) 

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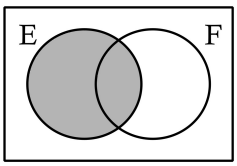
l) 

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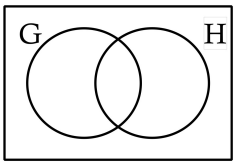
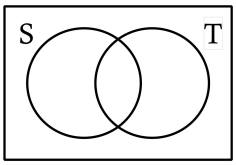
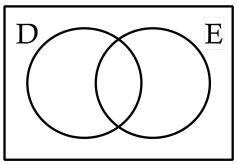
2. Shade the following regions named under each of the diagrams below:

a) 

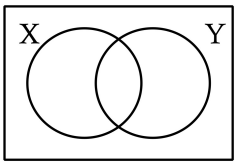
G ∪ H

b) 

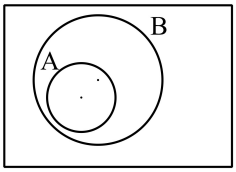
S

c) 

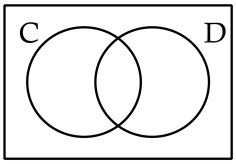
D ∩ E

d) 

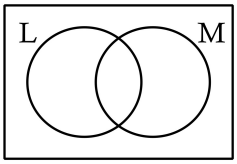
Y

e) 

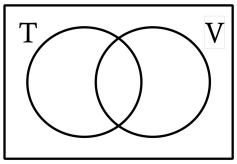
A ∩ B

f) 

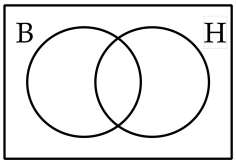
(C ∪ D)′

g) 

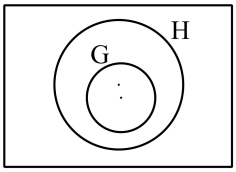
L′

h) 

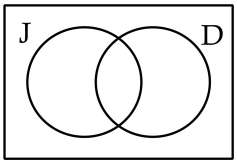
(T ∩ V)′

i) 

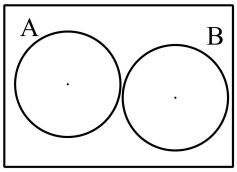
H

j) 

G ∪ H

k) 

J ∩ D

l) 

A ∩ B