Venn Diagram
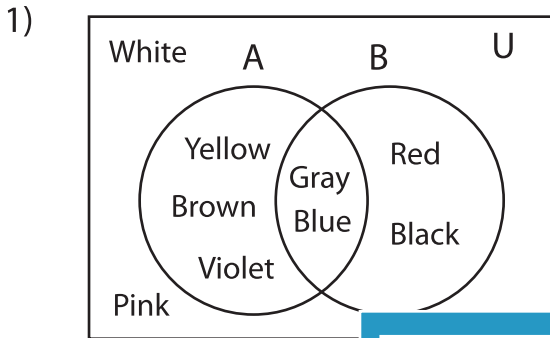
Perform the below mention boolean algebraic operation for the given set of elements.

1)

White   A   B   U

Yellow   Gray   Red
Brown   Blue   Black
Violet
Pink

   i)   B   = _____

   ii)   A′ ∩ B′   = _____

   iii)   A′ U B   = _____

2)

July   A

April
August   June

3)

A

5
   57   36
15   27   18
    11
9   2
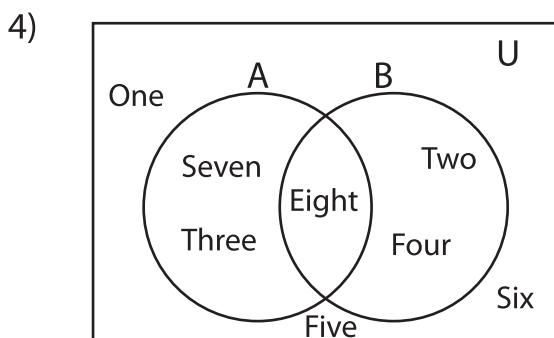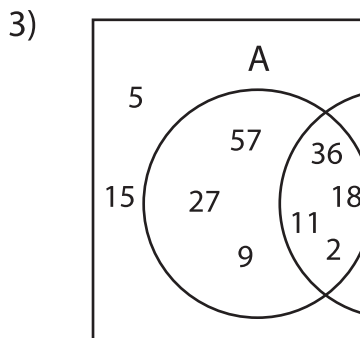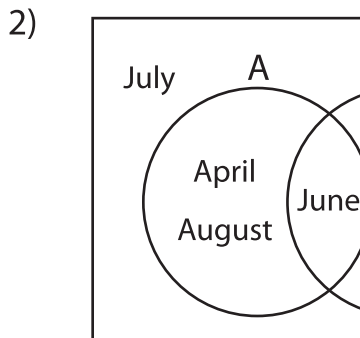
PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

4)

One   A   B   U

Seven   Two
Eight
Three   Four
Five   Six

   i)   B′   = _____

   ii)   A ∩ B′   = _____

   iii)   (A U B′)′ = _____