

A Venn diagram illustrating the relationship between three sets: A, B, and C. The universal set is represented by a large rectangle. A horizontal line divides the rectangle into two regions. The region below the line is shaded light gray and labeled 'C'. The region above the line is white. Within the white region, there are two overlapping rectangles. The left rectangle is shaded dark gray and labeled 'A'. The right rectangle is white with a dashed border and labeled 'B'. The intersection of these two rectangles is shaded dark gray and labeled 'A&B'. The dashed border of rectangle B extends into the light gray region C.

A&B

A

B

C