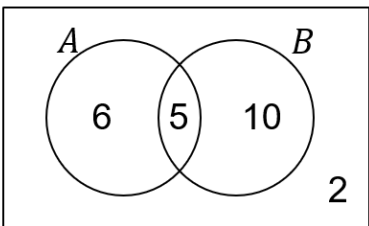
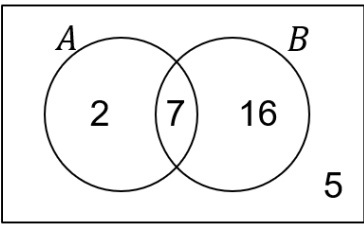
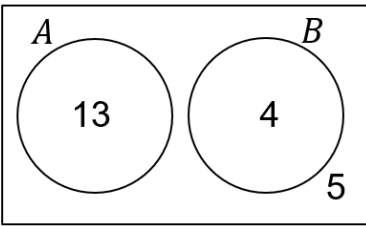


Set Notation and Venn Diagrams

In each question, the values represent the number of elements in each set.

(a)	(b)	(c)
 <p>Write down:</p> <p>(a) $n(A \cap B)$ (b) $n(A)$ (c) $n(B')$ (d) $n(\xi)$</p>	 <p>Write down:</p> <p>(a) $n(B)$ (b) $n(A')$ (c) $n(A \cup B)$ (d) $n(A \cap B')$</p>	 <p>Write down:</p> <p>(a) $n(A \cap B)$ (b) $n(A')$ (c) $n(\xi)$ (d) $n(A' \cap B')$</p>
(d)	(e)	(f)
<p style="text-align: center;"> $n(A \cap B) = 5$ $n(A) = 13$ $n(A \cup B) = 16$ $n(\xi) = 20$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>	<p style="text-align: center;"> $n(A \cap B) = 7$ $n(A) = 13$ $n(B) = 10$ $n(B') = 10$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>	<p style="text-align: center;"> $n(A \cap B) = 10$ $n(A \cup B) = 18$ $n(A) = 15$ $n(\xi) = 20$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>
(g)	(h)	(i)
<p style="text-align: center;"> $n(A \cup B) = 20$ $n(A') = 15$ $n(A \cap B) = 6$ $n(B) = 16$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>	<p style="text-align: center;"> $n(B) = 7$ $n(A) = 10$ $n(A \cup B) = 12$ $n(\xi) = 20$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>	<p style="text-align: center;"> $n(A' \cap B') = 10$ $n(\xi) = 25$ $n(B) = 11$ $n(A) = 8$ </p> <p style="text-align: center;">Draw a Venn diagram to represent this information.</p>