



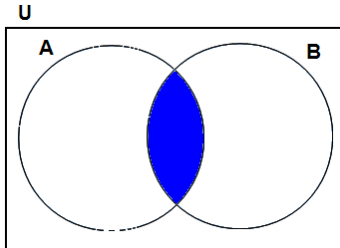
# CAMI Wiskunde: Graad 10

## GRAAD 10 KABV Kurrikulum

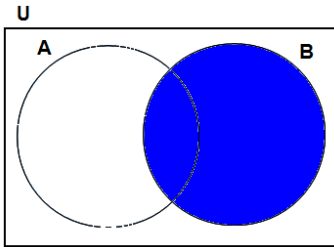
### 10.6 Waarskynlikheid

#### 1.1 Versamelingnotasie en Venn diagramme.

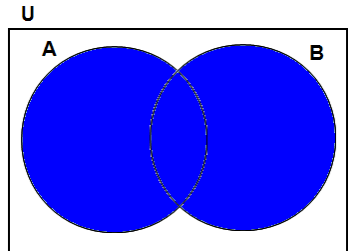
(a)



(b)



(c)

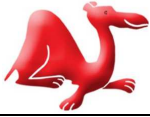


(d) Veronderstel die universele versameling  $U = \{0; 1; 2; \dots; 10\}$ ,  $A = \{4; 5; 6\}$ ,  $B = \{6; 7; 8\}$ . Bepaal die elemente van die volgende versamelings:

- (1)  $A \cup B$
- (2)  $A'$
- (3)  $B'$
- (4)  $B' \cap A$
- (5)  $A \cap B$
- (6)  $A' \cup B'$
- (7)  $A \cup B'$

1.2 Teken die Venn diagram wat die gegewe versameling sal voorstel.

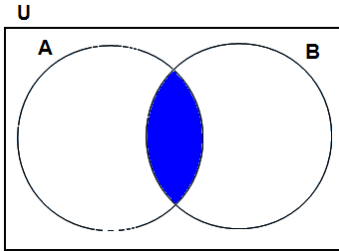
- (a)  $(A \cap B)'$
- (b)  $A' \cup B$
- (c)  $A \cup B$
- (d)  $B' \cap A$
- (e)  $(A \cup B)'$



## MEMO

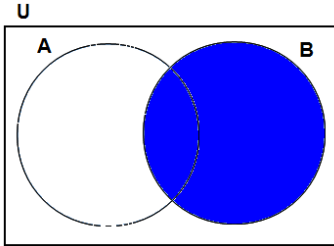
### 1.1 Versamelingnotasie en Venn diagramme. [10.3.3.1]

(a)



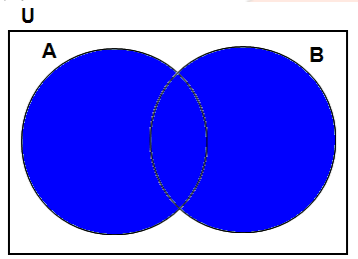
$A \cap B$

(b)



$B$

(c)



$A \cup B$

(d)  $U = \{0; 1; 2; \dots; 10\}$ ,  $A = \{4; 5; 6\}$  en  $B = \{6; 7; 8\}$ .

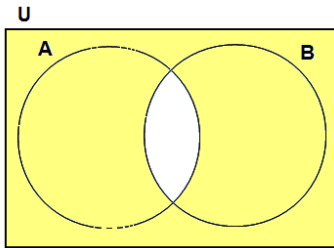
- (1)  $A \cup B = \{4; 5; 6; 7; 8\}$
- (2)  $A' = \{0; 1; 2; 3; 7; 8; 9; 10\}$
- (3)  $B' = \{0; 1; 2; 3; 4; 5; 9; 10\}$
- (4)  $B' \cap A = \{4; 5\}$
- (5)  $A \cap B = \{6\}$
- (6)  $A' \cup B' = \{0; 1; 2; 3; 4; 5; 7; 8; 9; 10\}$
- (7)  $A \cup B' = \{0; 1; 2; 3; 4; 5; 6; 9; 10\}$



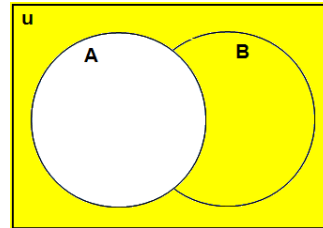
# CAMI Wiskunde: Graad 10

1.2 Teken die Venn diagram wat die gegewe versameling sal voorstel. [10.3.3.2]

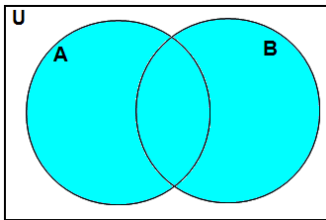
(a)  $(A \cap B)'$



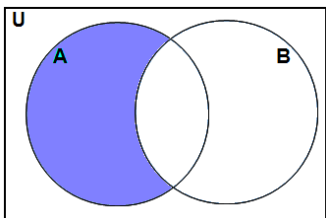
(b)  $A' \cup B$



(c)  $A \cup B$



(d)  $B' \cap A$



(e)  $(A \cup B)'$

