# Verzamelingen

## Definitie van Verzamelingen

## Unie van verzamelingen

A

Geef de unie volgende verzamelingen ( A

|  |  |
| --- | --- |
| A={1,2,4} en B={3,4,5,6}  A | A={2,4} en B={3,4,5}  A |
| A={2,8,11} en B={2,4,15,16}  A | A={11,33,44} en B={22,44,55,66}  A |
| A={1,2,4,5,6,7} en B={2,4,5,6,7,9}  A | A={1,4} en B={4}  A |
| A={1,2,4,7,9,10,11} en B={2,4,5,6,7,8,9,10}  A | A={1,3,4} en B={1,2,4,5}  A |
| A={1,2} en B={3,4}  A | A={1,2,4,6} en B={2,4,5,6}  A |

## 

## Doorsnede van verzamelingen

( A

Geef de doorsnede volgende verzamelingen ( A

|  |  |
| --- | --- |
| A={1,2,4,5} en B={2,3,5,6}  A  A | A={1,2,4} en B={3,4,5}  A  A |
| A={1,4,8,11} en B={1,4,15,16}  A  A | A={11,33} en B={22,44,55,66}  A  A |
| A={1,3,4,5,6,7,9} en B={2,4,5,6,7,8}  A  A | A={4,5} en B={4,5}  A  A |
| A={1,3,4,8,9,10,11} en B={2,5,6,7,8,9,10}  A  A | A={1,2,3} en B={1,2,4,5}  A  A |
| A={1,3,4} en B={3,4}  A  A | A={1,2,5} en B={2,4,5,6}  A  A |

## 

## Verschil van verzamelingen

A \ B

Geef het verschil volgende verzamelingen ( A \ B )

|  |  |
| --- | --- |
| A={2,3,4} en B={2,4,5,6}  A \ B =. A  B \ A =. A | A={1,2,4} en B={2,4,5}  A \ B =. A  B \ A =. A |
| A={1,2,8,11} en B={2,4,15,16}  A \ B =. A  B \ A =. A | A={22,44} en B={22,44,55,66}  A \ B =. A  B \ A =. A |
| A={1,2,4,5,6,7,9} en B={2,4,5,6,7,8}  A \ B =. A  B \ A =. A | A={4} en B={4}  A \ B =. A  B \ A =. A |
| A={1,7,8,9,10,11} en B={2,4,5,6,7,8,9,10}  A \ B =. A  B \ A =. A = | A={1,2,4} en B={1,2,4,5}  A \ B =. A  B \ A =. A |
| A={1,2} en B={2,4}  A \ B =  B \ A = | A={1,2,4,5} en B={2,4,5,6}  A \ B =  B \ A = |

## Element van en deel van

Vul in :

|  |  |
| --- | --- |
| A ={1,2,3,4,5,6,7,8}  2…… A | A ={1,2,3,4,5,6,7,8}  9…… A |
| A ={1,2,3,4,5,6,7,8}  {2,3,7}…… A | A ={1,2,3,4,5,6,7,8}  {2,3,10}…… A |
| A ={1,2,3,4,5,6,7,8} en B={7,8,9,10}  6…… A | A ={1,2,3,4,5,6,7,8} en B={6,7,8,9,10}  {6,7}…… A |
| A ={1,2,3,4,5,6,7} en B={7,8,9,10}  {7,8}…… A | A ={1,2,3,4,5,6,7,8} en B={7,8,9,10}  8…… A |
| A ={1,2,3,4,5,6,7,8} en B={1,7,8,9,10}  {1,7,8}…… A | A ={1,2,3,4,5,6,7,8} en B={7,8,9,10}  7…… A |