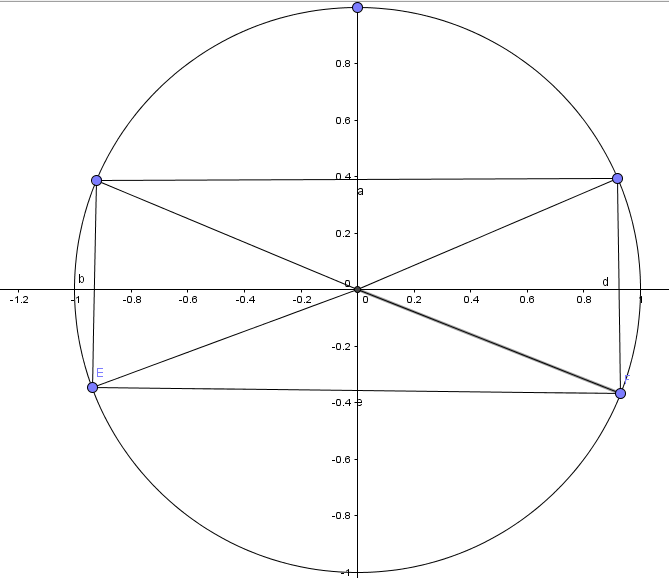
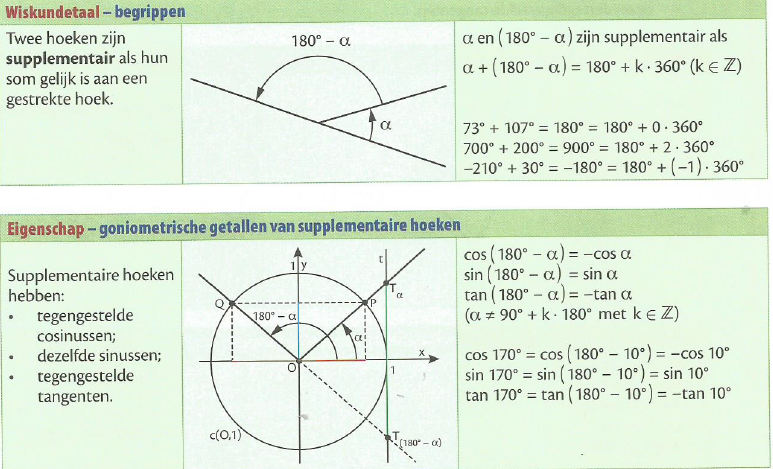
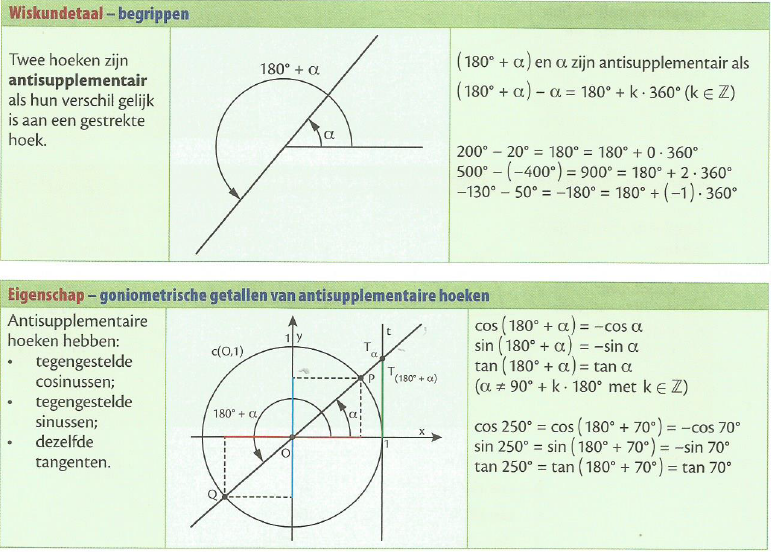
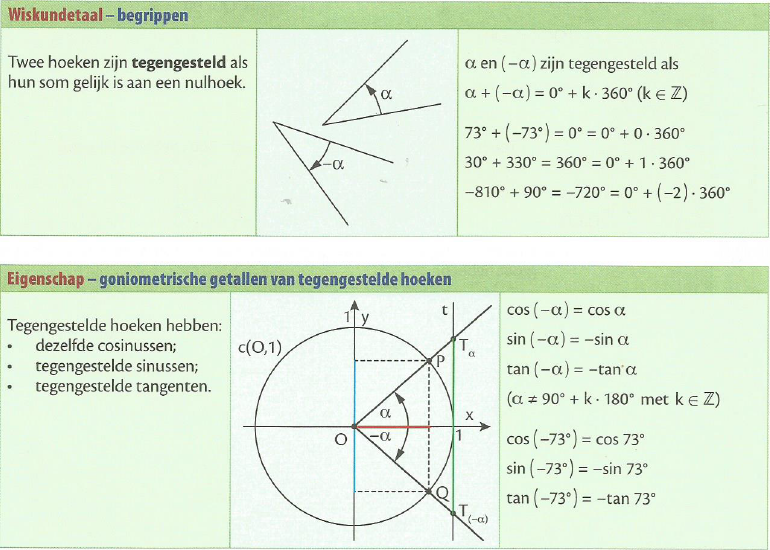
**VERWANTE HOEKEN**









**OEFENINGEN**

**Vul volgende tabel aan**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hoek** | **TEGENGESTELDE HOEK** | **SUPPLEMENTAIRE HOEK** | **ANTISUPPLEMTAIRE HOEK** | **COMPLEMENTAIRE HOEK** |
| **80°** |  |  |  |  |
| **125°** |  |  |  |  |
| **200°** |  |  |  |  |
| **290°** |  |  |  |  |
| **-80°** |  |  |  |  |
| **400°** |  |  |  |  |
| **-1120°** |  |  |  |  |
| **278°** |  |  |  |  |

**Schrijf de goniometrische getallen met een positieve hoek , kleiner dan 90°**

|  |  |
| --- | --- |
| **sin ( 140° ) =** | **cos ( 230°) =** |
| **sin ( 320 ° ) =** | **cos (20°) =** |
| **sin ( 1020°) =** | **sin ( -200°) =** |
| **cos ( -290°) =** | **cos ( 400° ) =** |
| **sin ( 613°) =** | **cos ( -521° )** |

**Vereenvoudig**

**sin ( 35°) / cos (155°) =**

**sin ( 210 ° ) / cos ( 30°) =**

**cos ( 40° ) / cos ( 320 °) =**

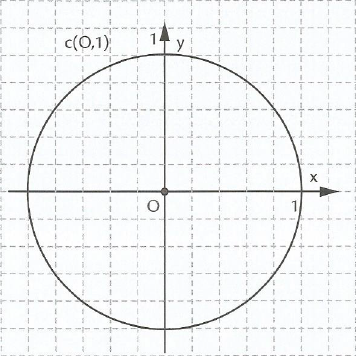
**cos ( 730 ° ) / sin ( 440° ) =**

**cos (20° ) / cos ( 200° ) =**

**Duid de hoek 135 ° aan op de cirkel**

**Duid vervolgens aan :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Hoek** | **AntiSupplement** | **Tegengestelde** | **Supplement** |
| **Beeldpunt** | **A** | **T** | **S** |



**Duid de hoek -315 ° aan op de cirkel**

**Duid vervolgens aan :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Hoek** | **AntiSupplement** | **Tegengestelde** | **Supplement** |
| **Beeldpunt** | **A** | **T** | **S** |

