**3EM en 3EE : Maandag 29/9/2014 : Bewerkingen met Reële Getallen**

Werk Uit en schrijf zo eenvoudig mogelijk met a,b elementen van R

Oef 23 -26 pag 84 en Oef 111-116 pag 107

|  |  |  |  |
| --- | --- | --- | --- |
| **a + (b-a)**  |  | **a – (a-b)** |  |
| **b - (a+b)** |  | **a.(b-a)** |  |
| **a(a+b)** |  | **(a+b)(a-b)** |  |
| **x-[y-(-x+y)]** |  | **x+[y-(x+y)-(-x-y)]** |  |
| **-(x-y)-[-y-(x-y) +x]** |  | **(x-y-[x-(y-x)-y]** |  |
| **3(a-2) -5(a+4)** |  | **(-7a-2) -3 (a+5)** |  |
| **(a+2).(-3) -5 (a+8)** |  | **(2a -3)(a+5)** |  |
| **(3a-4)(2a+1) –(8a+7)(a-6)** |  | **(4a-5)(a-7)-(a-3)(-2a)** |  |
| **(-6a-9)(a+4) +(2-3a)(a-2)** |  | **(2a+3)²** |  |
| **-(3a+7)(4a) -5a(-a+3)** |  | **a²-(a+b).a** |  |
| **(x-y).[(x+y) –(x-y)]** |  | **[x-(x-y)]x** |  |
| **3(x-y)-4(x+y)** |  | **2[x-y+4.(2x-3y)** |  |
| **(2a-3)(a+4)** |  | **(3a+2)(a-2)-4(a+7)** |  |
| **(a-b)(2a+b)-(a+3)(b-4)** |  | **(3a-4b)(2a+b)-2(4a+b)** |  |
| **(a-3b)²** |  | **(3a-b)²** |  |

Ontbind in factoren

Oef 27-29 pag 84 en Oef 118 – 129 pag 107

|  |  |  |  |
| --- | --- | --- | --- |
| **ab-ac** |  | **2ab+6ac** |  |
| **5a² -10a** |  | **P²-p** |  |
| **-12m²-8m** |  | **ab-a** |  |
| **(a+2).b –(a+2).3** |  | **x.(x+3) +7(x+3)** |  |
| **3a(a-3)-8(a-3)** |  | **(2a-5).b -6(5-2a)** |  |
| **4ab +10a - 6b -15** |  | **-35ab + 40a + 14b -16** |  |
| **a² -3a – 2ab – 6b** |  | **(a+b)(a-2) + (a+b)(5-a)** |  |
| **6a²b – 15ab** |  | **n²p +np²** |  |
| **13x²yz -26xy²z** |  | **7m²n² - 7mn** |  |
| **(x+y).a -3(x+y)** |  | **7(2a-b) -3(2a-b)** |  |
| **(t+4)(t-2)-6(t-2)** |  | **2p(p+4) +(p-3)(p+4)** |  |