Exercise 1. 1. h2 = 362054 (h+1)2 h = (18603 + 36206) /2 = 18604 = 9052 $h = |9052 + 36205|_2 = 9055 = 4527$ $h = |4527 + 36205|_2 = 4534 = 2267$ $h = |2212 + 26205|_2 = 4534 = 2267$ $h = \left[\frac{12267}{2267} + \frac{36205}{26205} \right] / 2 = \frac{2282}{2} = 1141$ $h = \left[\frac{1141}{4144} + \frac{36205}{4144} \right] / 2 = \frac{1172}{2} = 686$ h = (586 + 36205)/2 = 647 = 323h = (323 + 36205)/2 = 435 = 217 323 / 2 h = (217 + 36206) /2 = 3f3 - 191 h = (191 + 36205) /2 = 380 - 190 h = (190 + 36205)/2 = 380 = 190 Ombem: h = 190 2. 2002 = 1001.2 = 143-7.2 = 13.11.7-2 Omtem: 2002 = 2 - 7 - 11 - 13

3. 59N + 309 = 2002 59 = 30.1+291 30 = 29.1+01 29 = 1.29 59 No + 8090 = 1 1 = 30 - 29 29-59-30 1 = 30 - (59-30) 1 = 59. (-1) + 2.30 No=-1, yo=2 59. 2002 No + 30. 200240 = 2002 59. (2002 xo + 30K) + 30. (200246 - 59K) = 2002 (mbem: x = -2002 + 30k, y = 4004 - 59K 4.2. 3x + 112, = 346, I. 112, = 49+7+2=58,0; 346, = 147+28+6=1810 3R + 58,0 = 18/10 417 3557 600 5 3R = 123 R= 41,0 K = 567