a) $\sqrt{34} = \sqrt{2}$. $\sqrt{17}$ 401, 4. 4. 1 = 5, 74V86 = V2 · V43 \$ 14.6,4 - 8,96 V2 = 14 , V36 = 6 , V43 = 6,4 (243 : V3332 = 3 V32 = 3 V9 (485 = V VS . V97 AD e) V144 = 12 a) $(x^2+3x+8)+(5x^2+9x+3)=6x^2+12x+11$ b) (x3+ 2x2-4x+3) - (9x3+4x2+2x-5) X3+2x2-4x+3-9x3+-4x2-2x+5 -8x3-2x2-6x+8 c) (12 x2+3x+7)+(8x2+10x+12)=20x2+13x+19 d) (15x3+9x2+12x+8)+(-9x3+2x2-9x-9) 6x3+15x2+8x-1 2) (13x2+9x+12)- (4x3+9x2+13x+12) 13x2+9x+12-4x3-9x2-13x-12 -4x3 + 4x2 - 4x

credeal

S) (x+2) (x+3) = X2+3x+2x+6 = X2+5x+6 b) (x-4) (x+8) = x2+8x-4x-32 = x2+4x-32 C) (x2+1x+7). (x+12) = x3+12x2+2x2+24x+7x+84 d) (x3+8x2+13x+12). (x2+2x-4): X3 +8 x2+13 x +12 1 XS + 10 X4 + 25 X3 + 6 X2 - 28 x - 48 $x^{5} + 2x^{4} - 4x^{3}$ 8 x 4 + 16 x 3 - 32 x 2 13x3+26x2-52x 12x2 +24x -48 l) (12 x2+9x-4) (4x3+9x+12)=48x5+109x3+144x2+36x2 81x2+108 X-16 X3-36 X-48 48 x 5 +36 x 4+92 x3 +255 x2 +72x -48 25 { V\$7 25 { 9 } 2022 } 13 24/6 2V7 237(0:7

20 Sacn 0: 8 co2: 7 VII3 8 VII3 8 VII3 8 St) 19 / gal 10 = 9 wit 0 = 3 1010=35 Tog 0:95 vsup: 5 S Isec 0:5 2g 0 = & sec 0 = 1/18 Jala 9: 8 colo: 15 21. \ 9acn 0 = 12 colo 0 = BS /2 co 0 = 15 coc 0 = 17 / 1000: 5 voc 9: 13 290 = 12 9200 = 13 5 1005 Ig 0 = 8 9aec 0 = 17 15 23 | Jahn 0 = 7 V170 vos 0 = 11 V170 Tg 0 = 7 11 2020=11 7 24- 1 Den 0 = 3 100 1000 = V7 coc 0 = V170 9acr 10 = V170 Ty 0 = 3 25 - J galn 0 = 7/52 ud 0: 8 V57 vecd= 9 1000 = 8 Dec 0 = 4 cesco = 11 (ago: V5) seco=11 26 - \ 92en 0 = 9 7g 8:9 resc 0 = B 2722 1020:27 22 seco = 13

1 34 - = 7 Xxx = 702 VA 2 1 2 1 9 V 16 = 9 , 717 = 41 / / b) V86 = 1,4 135 = 6,3 = $(3) \sqrt{243} = 243 | 3 | = 243 | 3 | = 243 | 3 | = 243 | 3 | = 243 | 3 | = 243 | 3 | = 243 | 3 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243 | = 243$ 2) V144 = 12.12 = 144 0) (X3+3X+8)+(2x319X+3) = 6x3+(9x+1) -8x3-2x2-6x+3)-(9x3+4x2+2x-5) -8x3-2x2-6x+3-9x3-4x2-2x2+5 d) (12x2 +3x +3) + (8x2+10x+12).

d) (15x3 +9x2+12x +8) + (-9x3+2x2-4x-9)

