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9 CD
                                                         2420010, RHIE, Sygons
 1. 200 (24, 36)
                                                   eg gcd(x,0) = x, ... gcl1
                                         2 eg gcd(x, NzY)=gcd(NzY, x rem NzY).
+ g( d (36, (24 rem 36)) .. by (gcd 2)
                                                                      111 gcb 2
- 3 cb (36, 24) in by Cremainsen)
-t gcd (24, (36 rem 24)) ... by (9cl 2)
                                              *) m rem NN = (rem m NN) = Remainder
-t gcb (24, 12) in by (hem)
- 9 gcd (12, (24 rem 12)) " by (gcd 2)
- $ 9 (6 (12, 0) in by (rem)
-112 ... by (9cd 1)
FACT
                                           eq fact (0) = 1. " f1
1, fact (5),
                                           eg fact (N2X) = N2X . fact (p N2X).
+ 5. Inct (P 5) " by (12)
                                             *) p NN = (- nn 1) = Previous
+5. fact (4) 1. by (P)
→ 5. (4. fact (p 4)) ... by (+2)
+ 5 (4. fact (3)) " by (p)
-05 (4.(3.fact (p 3))) 10 by (52)
- + (4.(3 · fact (2))) · · · by (P)
- of (4.(3.(2. fact (y 2))) ... by (f2)
+5.(4.(3.(2. fact (1))) 1-66(P)
-05. (4.(3 '(2 , (1 , fact (0 1))) .. by (+2)
->5 ·(4 (3 ·(2 ·(1 · tact (0)))) · n bu (P)
- 4 5. (4. (3. (2. (1. 1))) ... by (f1)
+5·(4.(3.(2·1))) 120
→ 5·(4·(3, 2)) + | = 12·
45,(4,6)
75·24 -
          all by (x)
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OEDC-FACT
 1. oedc-fact (5),
                                                   eq oedc -tact (0) = 1. ... ot1
                                                  eq Oed (-fact (N2X)
7 3 (5 (1) ··· b3 (of 2)
                                                     = 9 (N_2 \times, 1), ... o \pm 2
+ (ond(5>1,(9(6,2.1),9(5d(5,1),2.1),5)
                                             eg g(x, y) = cond(x > y,
+ (on) (true, (g(5,2.1), g(5)(5,1),2.1),5)
                                               $(x, 2.4), $(sd(x, 4), 2.4),
                                                 X), in g
                                  111 by (>)
- (3(5,2). g(5)(5,1),2.1) " by (con 11)
                                              eq Cond (true, X, Y) = X ... cond 1
- (ond (5)2, (9(5, 2.2), g(5)(5,1), 2.2), 5)
                                              en Cond (fulse , Y) = Y ... Cond 2
~ (on 1 (true (3(5,2,2), g C5d (5,2), 2.2), 5) ... by (>)
-t. (g (5, 4), g (5d(5,2),22)) 111 by (cond1)
+ (on ) (5>4 (g (5, 2.4), g (5) (5,4)), 2.4), 5) "by (g)
+ (ond Ctrue, (g(5,2,4), g(s)(5,4),2,4)),5) 1 66(>)
- (9(5,8), 9 CS J C5,4), 2.4) ... b ( Cond 1)
-1(on)(5)1,(g(5,2.P).g(5)(5,P),2.P)),5) (... bb(4)
-v(ond (false (g(5,2.8),g(sl(5,p),2.8))5) (1 by(>)
-A(5, g(5)(5,4),2,4)) 111 bb ((on 12)
-09(1,8) "by(5) + (x)0p)
-v (ond (1> & (3(1,2.8), &(5)(1.0), 2.8)), 1) - by(g)
- o (on & (false (2(1,2.8). 2(56(1,8), 2.8), 1) ... b4(>)
-1(5,1) 1 = pd (con/ 5)
-o(5, 3(5)(5,2),2,2)) " by (x) of)
-0 2(3,4) ... by (5d+(x)0p)
- (ond (3>4, (2(3,2.4), 2(5)(3,4), 2,4))3) 1- 64(g)
+ (and (false, (2(3,2.4),2(5)(3,4),2.4))3) 1 by (>)
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\frac{1}{\sqrt{5} \cdot 3} = \frac{1
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