1. Vorübung zur 1. Binomischen Formel

1.) 12² = (10 + 2)(10 + 2) = 100 + 20 + 20 + 4 = 144

2.) 21² = (20 + 1)(20 + 1) = 400 + 20 + 20 + 1 = 441

3.) 32² = (30 + 2)(30 + 2) = 900 + 60 + 60 + 4 = 1024

4.) 17² = (10 + 7)(10 + 7) = 100 + 70 + 70 + 49 = 289

5.) 25² = (20 + 5)(20 + 5) = 400 + 100 + 100 + 25 = 625

6.) 43² = (40 + 3)(40 + 3) = 1600 + 120 + 120 + 9 = 1849

7.) 53² = (50 + 3)(50 + 3) = 2500 + 150 + 150 + 9 = 2809

8.) 35² = (30 + 5)(30 + 5) = 900 + 150 + 150 + 25 = 1225

9.) 29² = (20 + 9)(20 + 9) = 400 + 180 + 180 + 81 = 841

10.) 46² = (40 + 6)(40 + 6) = 1600 + 240 + 240 + 36 = 2116

11.) 62² = (60 + 2)(60 + 2) = 3600 + 120 + 120 + 4 = 3844

12.) 48² = (40 + 8)(40 + 8) = 1600 + 320 + 320 + 64 = 2504

13.) 81² = (80 + 1)(80 + 1) = 6400 + 80 + 80 + 1 = 6561

14.) 95² = (90 + 5)(90 + 5) = 8100 + 450 + 450 + 25 = 9025

15.) 64² = (60 + 4)(60 + 4) = 3600 + 240 + 240 + 16 = 4096

16.) 73² = (70 + 3)(70 + 3) = 4900 + 210 + 210 + 9 = 5329

17.) 57² = (50 + 7)(50 + 7) = 2500 + 350 + 350 + 49 = 3249

18.) 85² = (80 + 5)(80 + 5) = 6400 + 400 + 400 + 25 = 7225

19.) 76² = (70 + 6)(70 + 6) = 4900 + 420 + 420 + 36 = 5776

20.) 44² = (40 + 4)(40 + 4) = 1600 + 160 + 160 + 16 = 1936

21.) 54² = (50 + 4)(50 + 4) = 2500 + 200 + 200 + 16 = 2916

22.) 26² = (20 + 6)(20 + 6) = 400 + 120 + 120 + 36 = 676

23.) 18² = (10 + 8)(10 + 8) = 100 + 80 + 80 + 64 = 324

24.) 28² = (20 + 8)(20 + 8) = 400 + 160 + 160 + 64 = 784

25.) 49² = (40 + 9)(40 + 9) = 3600 + 360 + 360 + 81 = 4321