

A

1 4

4 25

7 1^2

10 8^2

2 100

5 144

8 6^2

3 49

6 9^2

9 11^2

11 $1^2 = 1 = 1$

$2^2 = 1 + 3 = 4$

$3^2 = 1 + 3 + 5 = 9$

$4^2 = 1 + 3 + 5 + 7 = 16$

$5^2 = 1 + 3 + 5 + 7 + 9 = 25$

$6^2 = 1 + 3 + 5 + 7 + 9 + 11 = 36$

B

1 40^2

4 20^2

7 343

10 10^3

2 60^2

5 90^2

8 3^3

3 30^2

6 5^3

9 1728

11 $1^3 = 1 \times 1 \times 1 = 1$

$2^3 = 2 \times 2 \times 2 = 8$

$3^3 = 3 \times 3 \times 3 = 27$

$4^3 = 4 \times 4 \times 4 = 64$

$5^3 = 5 \times 5 \times 5 = 125$

$6^3 = 6 \times 6 \times 6 = 216$

$7^3 = 7 \times 7 \times 7 = 343$

$8^3 = 8 \times 8 \times 8 = 512$

$9^3 = 9 \times 9 \times 9 = 729$

$10^3 = 10 \times 10 \times 10 = 1000$

$11^3 = 11 \times 11 \times 11 = 1331$

$12^3 = 12 \times 12 \times 12 = 1728$

C

1 500^2

4 1000^2

7 216 000

10 3375

2 70^2

5 110^2

8 1 000 000

3 200^2

6 8000

9 343 000

11 $0^2 = 0$

$1^2 = 0 + 1 = 1$

$2^2 = 1 + 3 = 4$

$3^2 = 4 + 5 = 9$

$4^2 = 9 + 7 = 16$

$5^2 = 16 + 9 = 25$

$6^2 = 25 + 11 = 36$

$7^2 = 36 + 13 = 49$

$8^2 = 49 + 15 = 64$

$9^2 = 64 + 17 = 81$

$10^2 = 81 + 19 = 100$

$11^2 = 100 + 21 = 121$

$12^2 = 121 + 23 = 144$

$13^2 = 144 + 25 = 169$

$14^2 = 169 + 27 = 196$

$15^2 = 196 + 29 = 225$

$16^2 = 225 + 31 = 256$

$17^2 = 256 + 33 = 289$

$18^2 = 289 + 35 = 324$

$19^2 = 324 + 37 = 361$

$20^2 = 361 + 39 = 400$