

Some people think that memorizing squares is a waste of time because there are easy methods to finding the squares of numbers. However, I believe that by memorizing the squares, at least through 25, you will have a distinct advantage over those who do not.

Therefore, I believe the following squares are essential:

|              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| $1^2 = 1$    | $2^2 = 4$    | $3^2 = 9$    | $4^2 = 16$   | $5^2 = 25$   |
| $6^2 = 36$   | $7^2 = 49$   | $8^2 = 63$   | $9^2 = 81$   | $10^2 = 100$ |
| $11^2 = 121$ | $12^2 = 144$ | $13^2 = 169$ | $14^2 = 196$ | $15^2 = 225$ |
| $16^2 = 256$ | $17^2 = 289$ | $18^2 = 324$ | $19^2 = 361$ | $20^2 = 400$ |
| $21^2 = 441$ | $22^2 = 484$ | $23^2 = 529$ | $24^2 = 576$ | $25^2 = 625$ |

\*Note: I found it helpful to memorize through 30, but 25 should be efficient.