

VIENNA HOUSE

Everybody needs
a companion...

Adam Jerzy
Primo A
Ś. Nowohradzka, BA
Puklaid 6

A. Amickino číslo

M. Myrickino č.

Kieme:

$$①. A^2 = 100M^2$$

$$②. A + M - 18 = \frac{A}{2}$$

Najprv vezíme prvú rovnicu:

$$A^2 = 100M^2 \quad \sqrt{\quad}$$

$$\sqrt{A^2} = \sqrt{100M^2}$$

$$A = 10M$$

Teraz vezíme druhú a namiesto A dosadíme 10M:

$$A + M - 18 = \frac{A}{2}$$

$$10M + M - 18 = \frac{10M}{2}$$

$$11M - 18 = 5M \quad | -5M$$

$$6M - 18 = 0$$

$$6M = 18 \quad | :6$$

$$M = 3$$

$$A = 10M = 10 \cdot 3 = 30$$

$$M = 3$$

$$A = 30$$

