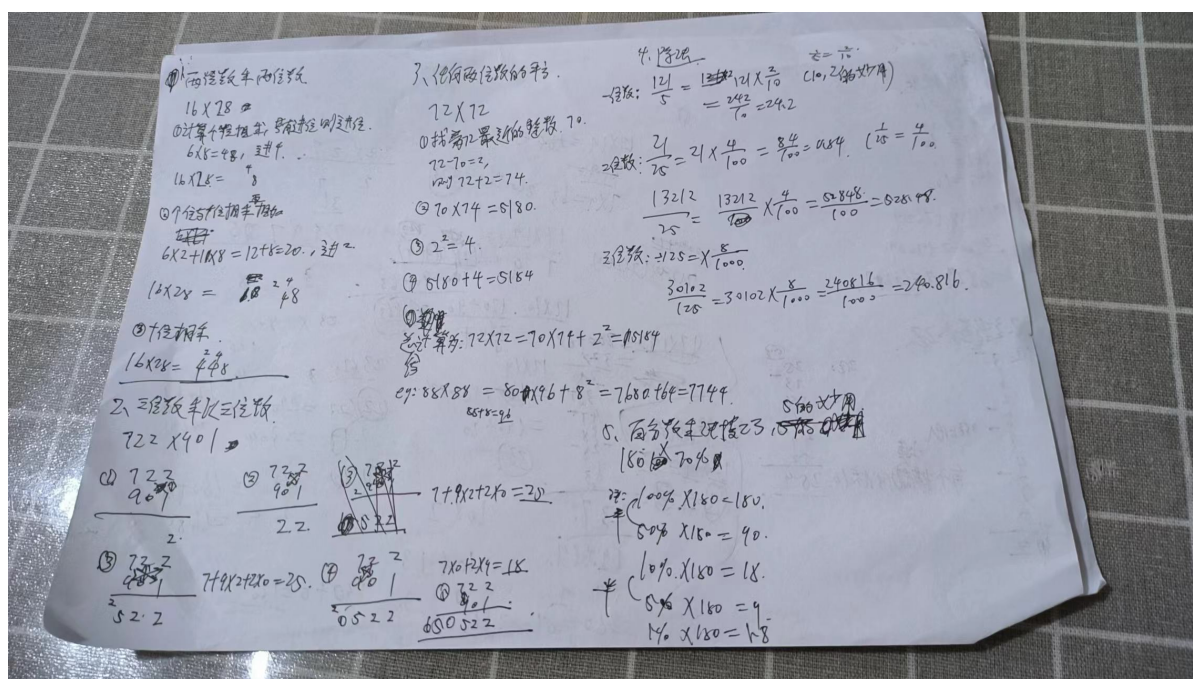
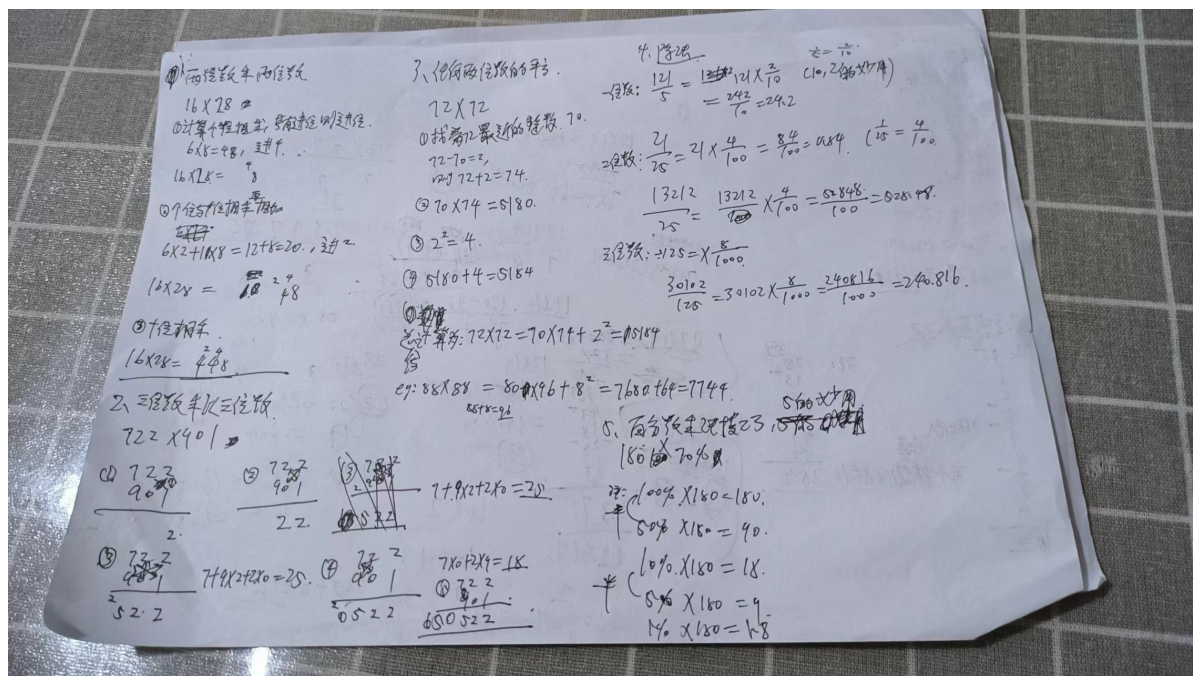


# 数学速算技巧笔记



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补.8: ~~35x38~~

补.8: 8-plus: <sup>适用</sup> 2位数 (两数位数相同).

设  $x_a, x_b$  为2个2位数, 十位数.

$$\text{则 } x_a \times x_b = 10 \times (x_a + x_b) + a \cdot b.$$

$$\begin{aligned} \text{例如 } 35 \times 38 &= 30 \times (35 + 38) + 5 \times 8 \\ &= 30 \times 73 + 40 \\ &= 1290 + 40 = 1330. \end{aligned}$$

$$\begin{aligned} \text{同理 } 15 \times 17 &= 10 \times 24 + 45 \\ &= 285. \end{aligned}$$