

一、用简便方法求积：

① 17×100

② 1112×5

③ 23×9

④ 23×99

⑤ 12345×11

⑥ 56789×11

⑦ 36×15

二、速算下列各题：

① $123 \times 25 \times 4$

② $456 \times 2 \times 125 \times 25 \times 5 \times 4 \times 8$

③ $25 \times 32 \times 125$

三、巧算下列各题：

① $15000 \div 125 \div 15$

② $1200 \div 25 \div 4$

③ $27000 \div (125 \times 3)$

④ $360 \times 40 \div 60$

四、巧算下列各题：

① $11 \div 3 + 4 \div 3$

② $19 \div 5 - 9 \div 5$

③ $234 \times 11 + 234 \times 88$

习题二解答

一、用简便方法求积：

① $17 \times 100 = 1700$

② $1112 \times 5 = 5560$

③ $23 \times 9 = 230 - 23 = 207$

④ $23 \times 99 = 2300 - 23 = 2277$

⑤ $12345 \times 11 = 135795$

⑥ $56789 \times 11 = 624679$

⑦ $36 \times 15 = (36 + 18) \times 10 = 540$

二、速算下列各题：

① $123 \times 25 \times 4 = 123 \times (25 \times 4) = 12300$

② $456 \times 2 \times 125 \times 25 \times 5 \times 4 \times 8$

$= 456 \times (2 \times 5) \times (25 \times 4) \times (125 \times 8)$

$= 456000000$

③ $25 \times 32 \times 125$

$= (25 \times 4) \times (125 \times 8)$

$= 100000$

三、巧算下列各题：

① $15000 \div 125 \div 15 = 15000 \div 15 \div 125 = 8$

② $1200 \div 25 \div 4 = 1200 \div (25 \times 4) = 12$

③ $27000 \div (125 \times 3)$

$= 27000 \div 3 \div 125 = 9 \times (1000 \div 125)$

$= 9 \times 8 = 72$

④ $360 \times 40 \div 60 = 360 \div 60 \times 40 = 240$

四、巧算下列各题：

① $11 \div 3 + 4 \div 3 = (11 + 4) \div 3 = 5$

② $19 \div 5 - 9 \div 5 = (19 - 9) \div 5 = 2$

$$\textcircled{3} 234 \times 11 + 234 \times 88$$

$$= 234 \times (11 + 88) = 234 \times 99$$

$$= 234 \times 100 - 234 = 23166$$