

# 乘法巧算(一)

## 本讲巩固

#### 1. 计算:

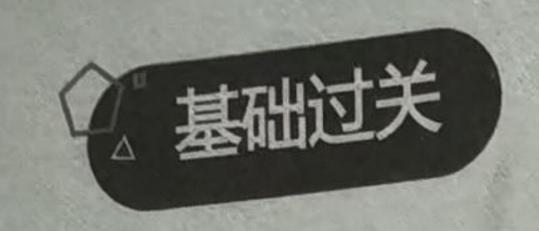
(2) 
$$125 \times 13 \times 8 = 13000$$
.

[\$\fi = 13\times (8\times 125)\$
= 13\times 1000
= 13000

(1) 
$$45 \times (100 + 2) = 4590$$

Seelx M

(2) 
$$25 \times (50 - 4) = 1150$$
原式 =  $25 \times 5^{\circ} - 25 \times 4$ 
=  $1250 - 100$ 
=  $1150$ 



## 1. 列竖式计算.

(1) 
$$456 \times 7 = 3192$$
  
 $456$   
 $456$   
 $\times$   
 $3192$ 

E001/1/1-

1130-14

(2) 
$$45 \times 23 = 1035$$
.  
 $45$   
 $\times$   $23$   
 $\frac{1}{3}$   $\frac{1}{5}$ 

#### 2. 计算:

(1) 
$$4 \times 53 \times 25$$
  
(3) =  $4 \times 25 \times 53$   
=  $100 \times 53$   
=  $5300$ 

## 3. 计算:

#### 简便运算:

(1) 
$$8 \times (125 + 2) = 1016$$
.

原式= $8 \times 125 + 8 \times 2$ 

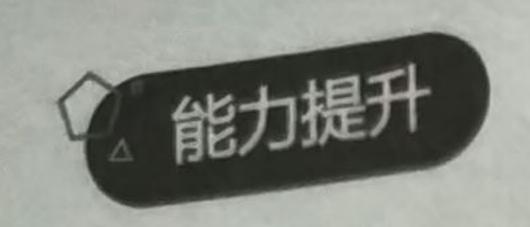
$$= 1000 + 16$$

$$= 1016$$

234-001722

7282

(2) 
$$6 \times (100 + 3) = 618$$
.  
 $193 = 6 \times 100 + 6 \times 3$   
 $= 600 + 18$   
 $= 618$ 



### 1. 简便运算:

(2) 
$$27 \times (200 - 1) = 5373$$
  
原式=27×200-1×27

#### 2. 简便计算:

(1) 
$$83 \times 99 = 9217$$
.

 $174 = 83 \times 1000 - 1$ )

 $= 83 \times 1000 - 83 \times 1$ 
 $= 8300 - 83$ 
 $= 9217$ 

(2) 
$$58 \times 101 = 5858$$
.

[文章 = 58×Cloo+1)

$$(2)$$
  $43 \times 201 = 8643$ 
 $(3)$   $43 \times 201 = 8643$ 
 $(3)$   $43 \times 201 = 8643$ 
 $(4)$   $(4$ 

## 创新挑战

已知7×11×13 = 1001, 计算下列各式的值:

(1)  $7 \times 9 \times 11 \times 13$ .

(2) 
$$14 \times 22 \times 26$$
.

() 10 mm = 0-70 mm