

$$35 \times 62 =$$

$$(30+5)(60+2)$$

$$= (2 \times 5) + (2 \times 30)$$

$$+ (60 \times 5) + (60 \times 2)$$

$$= 10 + 60 + 300 + 1200$$

30		5
60	$60 \times 30 =$ $6 \times 10 \times 3 \times 10 =$ $6 \times 3 \times 10 \times 10 =$ 1800	$60 \times 5 =$ $6 \times 5 \times 10 =$ 300
	$2 \times 30 =$ $2 \times 3 \times 10 = 60$	$2 \times 5 =$ 10
	2	

$$67 \times 241 =$$

$$(60+7)(200+40+1) =$$

$$(1 \times 7) + (1 \times 60) +$$

$$(40 \times 7) + (40 \times 60) +$$

$$(200 \times 7) + (200 \times 60) =$$

$$7 \times 60 + 280 + 2400$$

$$+ 1400 + 12000$$

$$13400 + 2680 + 67 = 16000 + 80 + 67 = 16147$$

60		7
200	$200 \times 60 =$ $2 \cdot 6 \cdot 100 \cdot 10 =$ 12000	$200 \times 7 =$ $2 \cdot 7 \cdot 100 =$ 1400
	$40 \times 60 = 4 \times 10 \times 6 \times 10$ $4 \times 6 \times 10 \times 10 = 2400$	$40 \times 7 =$ $4 \times 7 \times 10 = 280$
	$1 \times 60 = 60$	$1 \times 7 = 7$
40		
1		

$$35 \times 26$$

$$48 \times 31$$

$$72 \times 18$$

$$51 \times 22$$