

Multiplication Strategies

10/1

$$19 \times 99$$

PARTIAL PRODUCTS

(Rate Table)

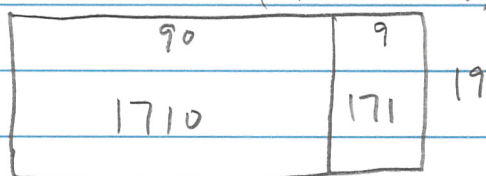
1	10	9	90	99
19	190	171	1710	1881

(Expression)

$$(9 \times 19) + (90 \times 19)$$

$$171 + 1710 = 1881$$

(Area Model)

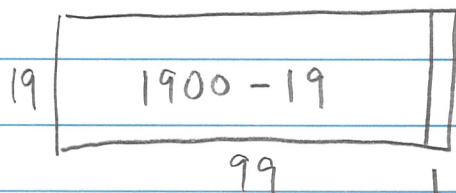


99

OVER STRATEGY

1	100	99
19	1900	1881

$$(19 \times 100) - (19 \times 1)$$



$$25 \times 36$$

DOUBLING & HALVING

$$25 \times 36 = (25 \times 2) \times (36 \div 2)$$

$$= 50 \times 18$$

$$= (50 \times 2) \times (18 \div 2)$$

$$= 100 \times 9$$

$$= 900$$

FIVE IS HALF OF TEN

1	36
10	360
5	180
20	720
25	900

$\div 2$
 $\oplus$
 $\times 2$