

The Eleven Trick

Name: _____

Date: _____

Bigger numbers - work the steps from left to right, then write the answer.

How it works: The Eleven Trick For 11×34 , add the digits ($3 + 4 = 7$) and put the sum in the middle: 374.

$$11 \times 21 = \underline{231}$$

add the two digits

$$2 + 1 = \underline{3}$$

first digit, the sum, last digit

$$200 + 30 + 1 = \underline{231}$$

1) $36 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2) $85 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

3) $94 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

4) $47 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

5) $59 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

6) $11 \times 96 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

7) $16 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

8) $98 \times 11 =$ _____

add the two digits

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

first digit, the sum, last digit

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$



Answer Key

The Eleven Trick - Bigger numbers

Every step is filled in. Check your work.

How it works: The Eleven Trick For 11×34 , add the digits ($3 + 4 = 7$) and put the sum in the middle: 374.

$$11 \times 21 = \underline{231}$$

add the two digits

$$2 + 1 = \underline{3}$$

first digit, the sum, last digit

$$200 + 30 + 1 = \underline{231}$$

1) $36 \times 11 = \underline{396}$

add the two digits

$$\underline{3} + \underline{6} = \underline{9}$$

first digit, the sum, last digit

$$\underline{300} + \underline{90} + \underline{6} = \underline{396}$$

2) $85 \times 11 = \underline{935}$

add the two digits

$$\underline{8} + \underline{5} = \underline{13}$$

first digit, the sum, last digit

$$\underline{800} + \underline{130} + \underline{5} = \underline{935}$$

3) $94 \times 11 = \underline{1034}$

add the two digits

$$\underline{9} + \underline{4} = \underline{13}$$

first digit, the sum, last digit

$$\underline{900} + \underline{130} + \underline{4} = \underline{1034}$$

4) $47 \times 11 = \underline{517}$

add the two digits

$$\underline{4} + \underline{7} = \underline{11}$$

first digit, the sum, last digit

$$\underline{400} + \underline{110} + \underline{7} = \underline{517}$$

5) $59 \times 11 = \underline{649}$

add the two digits

$$\underline{5} + \underline{9} = \underline{14}$$

first digit, the sum, last digit

$$\underline{500} + \underline{140} + \underline{9} = \underline{649}$$

6) $11 \times 96 = \underline{1056}$

add the two digits

$$\underline{9} + \underline{6} = \underline{15}$$

first digit, the sum, last digit

$$\underline{900} + \underline{150} + \underline{6} = \underline{1056}$$

7) $16 \times 11 = \underline{176}$

add the two digits

$$\underline{1} + \underline{6} = \underline{7}$$

first digit, the sum, last digit

$$\underline{100} + \underline{70} + \underline{6} = \underline{176}$$

8) $98 \times 11 = \underline{1078}$

add the two digits

$$\underline{9} + \underline{8} = \underline{17}$$

first digit, the sum, last digit

$$\underline{900} + \underline{170} + \underline{8} = \underline{1078}$$

