

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.

$$11 \times 86 = \underline{946}$$

add the two digits

$$8 + 6 = \underline{14}$$

first digit, the sum, last digit

$$800 + 140 + 6 = \underline{946}$$

1) $24 \times 11 =$ _____

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) $34 \times 11 =$ _____

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) $46 \times 11 =$ _____

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) $11 \times 72 =$ _____

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) $96 \times 11 =$ _____

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) $45 \times 11 =$ _____

add the two digits

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

first digit, the sum, last digit

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

7) $11 \times 41 =$ _____

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) $78 \times 11 =$ _____

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.

$$11 \times 86 = \underline{946}$$

add the two digits

$$8 + 6 = \underline{14}$$

first digit, the sum, last digit

$$800 + 140 + 6 = \underline{946}$$

1) $24 \times 11 = \underline{264}$

add the two digits

$$\underline{2} + \underline{4} = \underline{6}$$

first digit, the sum, last digit

$$\underline{200} + \underline{60} + \underline{4} = \underline{264}$$

2) $34 \times 11 = \underline{374}$

add the two digits

$$\underline{3} + \underline{4} = \underline{7}$$

first digit, the sum, last digit

$$\underline{300} + \underline{70} + \underline{4} = \underline{374}$$

3) $46 \times 11 = \underline{506}$

add the two digits

$$\underline{4} + \underline{6} = \underline{10}$$

first digit, the sum, last digit

$$\underline{400} + \underline{100} + \underline{6} = \underline{506}$$

4) $11 \times 72 = \underline{792}$

add the two digits

$$\underline{7} + \underline{2} = \underline{9}$$

first digit, the sum, last digit

$$\underline{700} + \underline{90} + \underline{2} = \underline{792}$$

5) $96 \times 11 = \underline{1056}$

add the two digits

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

first digit, the sum, last digit

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

6) $45 \times 11 = \underline{495}$

add the two digits

$$\underline{4} + \underline{5} = \underline{9}$$

first digit, the sum, last digit

$$\underline{400} + \underline{90} + \underline{5} = \underline{495}$$

7) $11 \times 41 = \underline{451}$

add the two digits

$$\underline{4} + \underline{1} = \underline{5}$$

first digit, the sum, last digit

$$\underline{400} + \underline{50} + \underline{1} = \underline{451}$$

8) $78 \times 11 = \underline{858}$

add the two digits

$$\underline{7} + \underline{8} = \underline{15}$$

first digit, the sum, last digit

$$\underline{700} + \underline{150} + \underline{8} = \underline{858}$$

