Luma’s Multiplication Quest: What Doesn’t Belong?

Help Luma solve each 2 digit by 2 digit multiplication problem below!
In each group of equations, three answers are correct and one is NOT correct. Circle the equation in each group that does NOT have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a) \[ 55 \times 49 = 2,445 \]  
b) \[ 94 \times 38 = 3,572 \]  
c) \[ 39 \times 26 = 1,014 \]  
d) \[ 61 \times 84 = 5,124 \]

Group 2: Out of these four equations, which answer is NOT correct?

a) \[ 65 \times 73 = 4,745 \]  
b) \[ 91 \times 98 = 8,918 \]  
c) \[ 20 \times 80 = 1,600 \]  
d) \[ 58 \times 45 = 2,545 \]

Group 3: Out of these four equations, which answer is NOT correct?

a) \[ 28 \times 64 = 1,792 \]  
b) \[ 31 \times 49 = 1,529 \]  
c) \[ 75 \times 68 = 5,100 \]  
d) \[ 17 \times 54 = 918 \]
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2 Digit by 2 Digit Multiplication

Answer Key

Group 1: Out of these four equations, which answer is NOT correct?

a) \[ 55 \times 49 = 2,445 \]
b) \[ 94 \times 38 = 3,572 \]
c) \[ 39 \times 26 = 1,014 \]
d) \[ 61 \times 84 = 5,124 \]

Actual answer: \[ 55 \times 49 = 2,695 \]

Group 2: Out of these four equations, which answer is NOT correct?

a) \[ 65 \times 73 = 4,745 \]
b) \[ 91 \times 98 = 8,918 \]
c) \[ 20 \times 80 = 1,600 \]
d) \[ 58 \times 45 = 2,545 \]

Actual answer: \[ 58 \times 45 = 2,610 \]

Group 3: Out of these four equations, which answer is NOT correct?

a) \[ 28 \times 64 = 1,792 \]
b) \[ 31 \times 49 = 1,529 \]
c) \[ 75 \times 68 = 5,100 \]
d) \[ 17 \times 54 = 918 \]

Actual answer: \[ 31 \times 49 = 1,519 \]