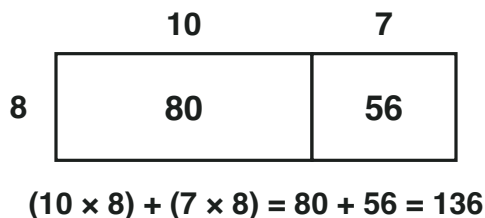


Multiply with the Area Model

Name: _____

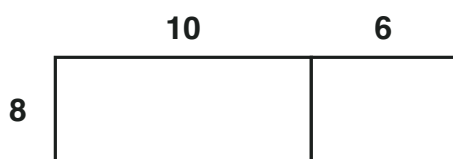
How it works

To multiply 17×8 , break 17 into **10** and **7**. Draw a box with two parts. Multiply each part by 8, then add the two answers.



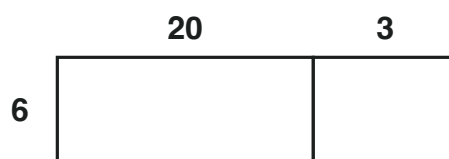
Fill in the box, finish the equation and write the answer. The help gets smaller as you go.

a) 16×8



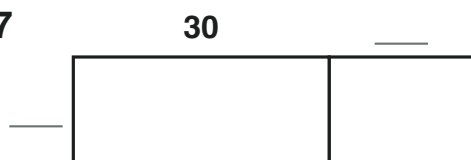
$(10 \times 8) + (6 \times 8) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

b) 23×6



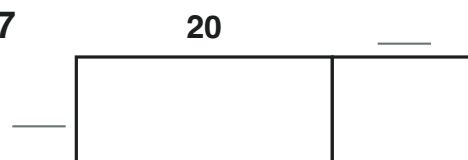
$(20 \times 6) + (3 \times 6) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

c) 34×7



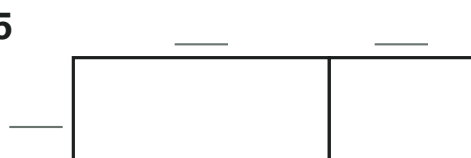
$(30 \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

d) 28×7



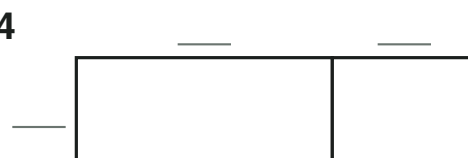
$(20 \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

e) 46×5



$(\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

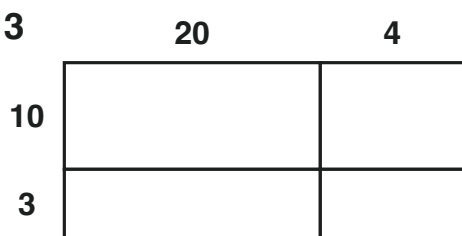
f) 59×4



$(\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

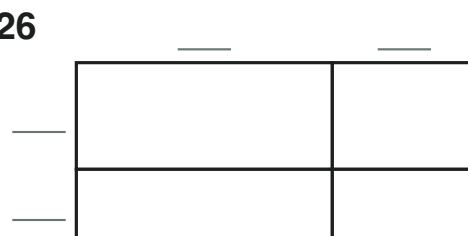
Two-digit times two-digit: the box has four parts. ☆

g) 24×13



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

h) 35×26

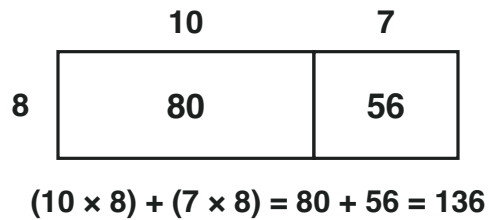


$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

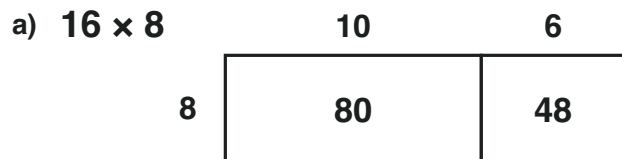
Multiply with the Area Model (Answer Key)

How it works

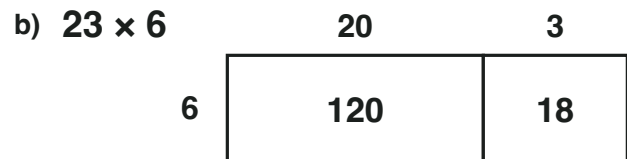
To multiply 17×8 , break 17 into **10** and **7**. Draw a box with two parts. Multiply each part by 8, then add the two answers.



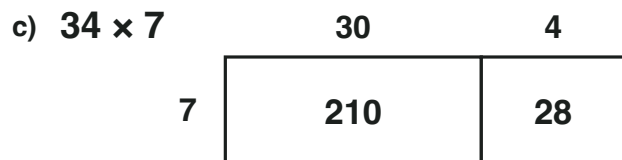
Fill in the box, finish the equation and write the answer. The help gets smaller as you go.



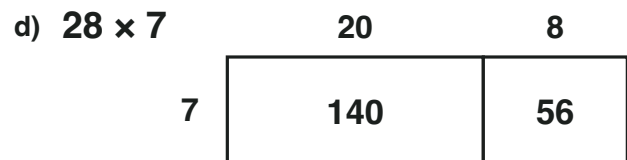
$$(10 \times 8) + (6 \times 8) = 80 + 48 = 128$$



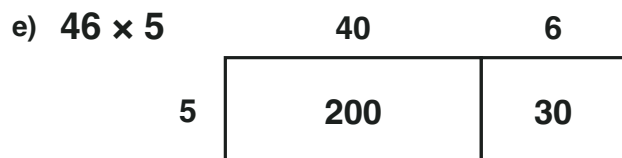
$$(20 \times 6) + (3 \times 6) = 120 + 18 = 138$$



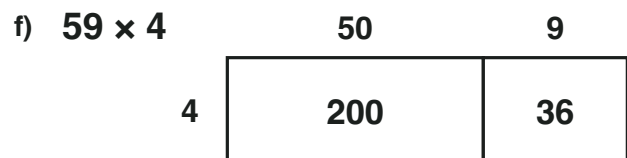
$$(30 \times 7) + (4 \times 7) = 210 + 28 = 238$$



$$(20 \times 7) + (8 \times 7) = 140 + 56 = 196$$

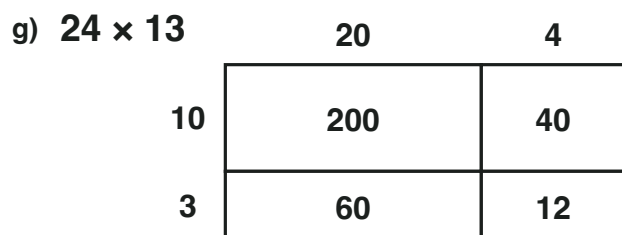


$$(40 \times 5) + (6 \times 5) = 200 + 30 = 230$$

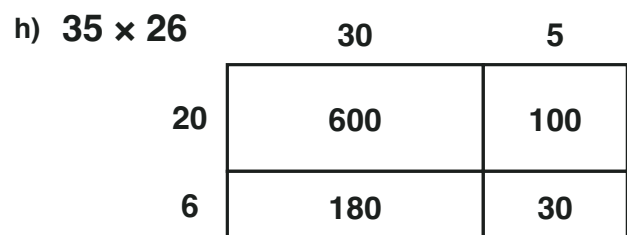


$$(50 \times 4) + (9 \times 4) = 200 + 36 = 236$$

Two-digit times two-digit: the box has four parts. ☆



$$200 + 40 + 60 + 12 = 312$$



$$600 + 100 + 180 + 30 = 910$$