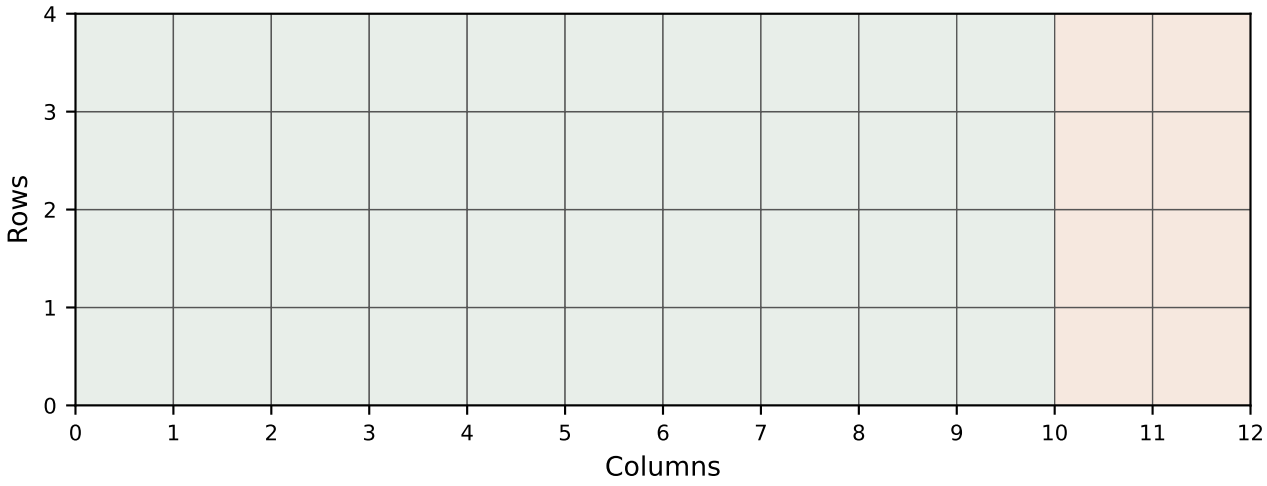
Area Model Multiplication Worksheets

ANSWER / CASE 1

Use an area model to calculate 12 x 4. Split 12 into tens and ones.

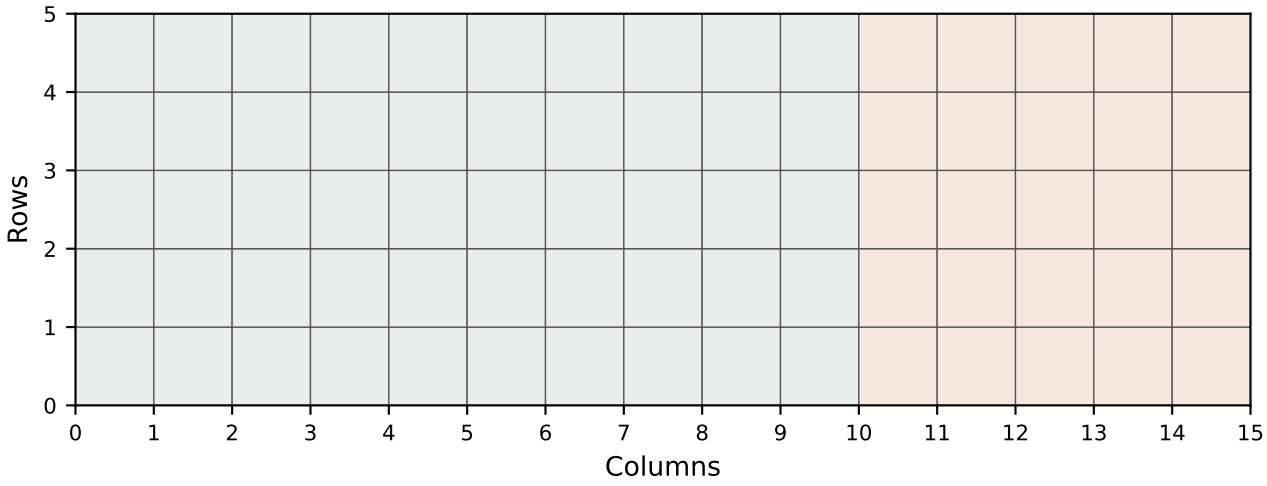


ANSWER: 48
1. 12 = 10 + 2.
2. Add the partial products 40 and 8.

Area Model Multiplication Worksheets

ANSWER / CASE 2

Use an area model to calculate 15 x 5. Split 15 into tens and ones.

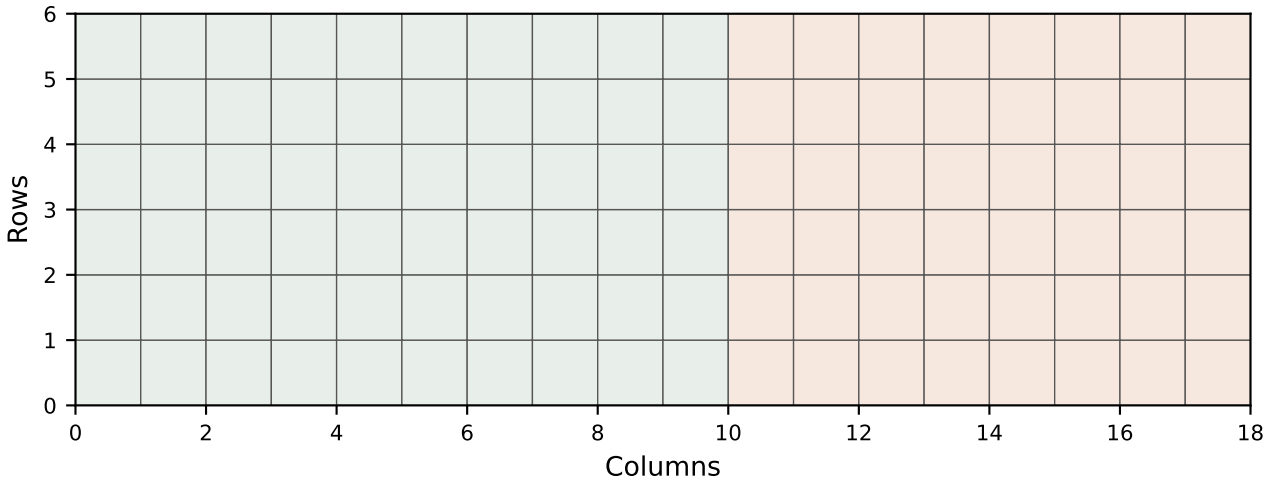


ANSWER: 75
1. 15 = 10 + 5.
2. Add the partial products 50 and 25.

Area Model Multiplication Worksheets

ANSWER / CASE 3

Use an area model to calculate 18 x 6. Split 18 into tens and ones.

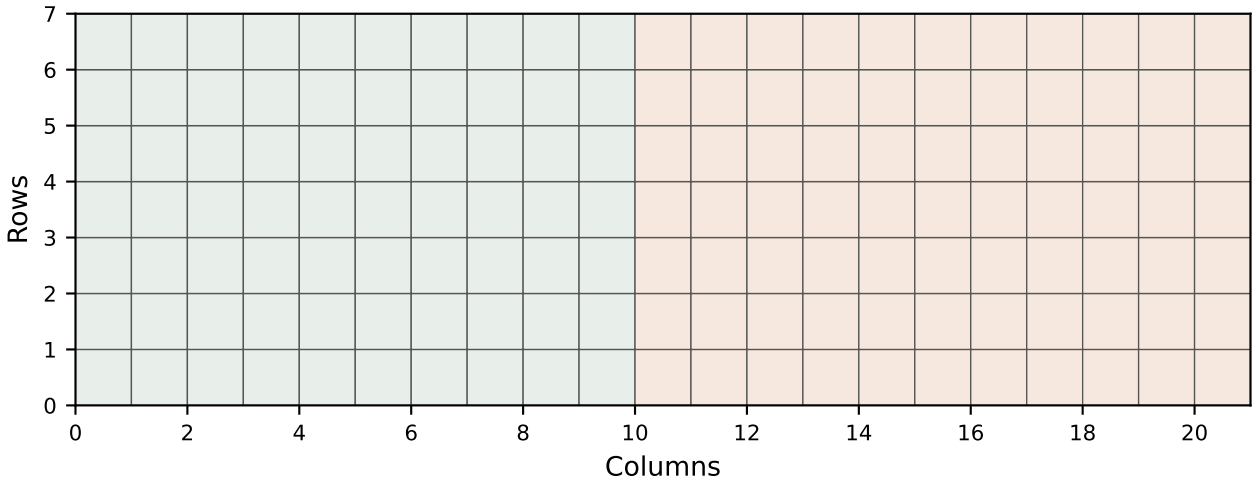


ANSWER: 108
1. 18 = 10 + 8.
2. Add the partial products 60 and 48.

Area Model Multiplication Worksheets

ANSWER / CASE 4

Use an area model to calculate 21 x 7. Split 21 into tens and ones.



ANSWER: 147
1. 21 = 20 + 1.
2. Add the partial products 140 and 7.