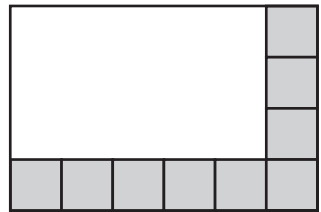


Using a Multiplication Shortcut

For Problem 1, use the figure.



1 Number of rows in the figure _____

Number of columns in the figure _____

Number of rows + Number of columns _____

Complete the drawing.

How many small squares in all? _____

Two numbers that have a sum of 10 and a product of 24 are _____ and _____.

For Problems 2–8, find two numbers that have

2 a product of 30 and a difference of 7 _____ and _____

3 a product of 45 and a difference of 4 _____ and _____

4 a product of 60 and a difference of 4 _____ and _____

5 a product of 36 and a sum of 12 _____ and _____

6 a product of 25 and a difference of 0 _____ and _____

7 a product of 4 and a sum of 4 _____ and _____

8 a product of 18 and a sum of 11 _____ and _____

9 Create a product-and-sum or product-and-difference puzzle. Exchange with a partner and solve.
