Multi-Digit Multiplication

Name: _____ Date: _____ Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Using partial products, 68 × 24 = 68 × 4 + 68 × 20 = 272 + 1,360 = _____
2. In the area model for 35 × 16, the four rectangles are 30 × 10 = 300, 30 × 6 = 180, 5 × 10 = 50, and 5 × 6 = _____
3. 42 × 37 = _____
4. The first partial product of 84 × 19 is 84 × 9 = _____
5. The second partial product of 84 × 19 is 84 × 10 = _____
6. 57 × 46 = _____
7. A garden has 23 rows with 41 plants in each row. The garden has _____ plants.
8. Estimate 77 × 34 by rounding: 80 × 30 = _____
9. 66 × 28 = _____

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

39 × 17	→ _____	936
54 × 26	→ _____	935
72 × 13	→ _____	1,404
85 × 11	→ _____	663

Answer Key · Multi-Digit Multiplication · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Using partial products, 68 × 24 = 68 × 4 + 68 × 20 = 272 + 1,360 = **1,632**
2. In the area model for 35 × 16, the four rectangles are 30 × 10 = 300, 30 × 6 = 180, 5 × 10 = 50, and 5 × 6 = **30**
3. 42 × 37 = **1,554**
4. The first partial product of 84 × 19 is 84 × 9 = **756**
5. The second partial product of 84 × 19 is 84 × 10 = **840**
6. 57 × 46 = **2,622**
7. A garden has 23 rows with 41 plants in each row. The garden has **943** plants.
8. Estimate 77 × 34 by rounding: 80 × 30 = **2,400**
9. 66 × 28 = **1,848**

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

39 × 17	→ **663**	936
54 × 26	→ **1,404**	935
72 × 13	→ **936**	1,404
85 × 11	→ **935**	663