Expanded form with multiplication

Write each number as digits times their place, or write the number the sum makes.

Name _____ Date _____

1. 9 × 10,000 + 3 × 1,000 + 7 × 100 + 1 × 10 + 5 × 1 = _____

2. 1,634 = _____

3. 80,441 = _____

4. 3 × 10,000 + 4 × 1,000 + 9 × 100 + 8 × 10 + 1 × 1 = _____

5. 3,957 = _____

6. 7 × 10,000 + 4 × 100 + 8 × 10 + 6 × 1 = _____

7. 71,827 = _____

8. 3 × 100 + 7 × 10 + 2 × 1 = _____

9. 24,401 = _____

10. 1 × 10,000 + 8 × 100 + 4 × 10 + 5 × 1 = _____

Expanded form with multiplication: answer key

Each answer in colour.

1. $9 \times 10{,}000 + 3 \times 1{,}000 + 7 \times 100 + 1 \times 10 + 5 \times 1 = 93{,}715$
2. $1{,}634 = 1 \times 1{,}000 + 6 \times 100 + 3 \times 10 + 4 \times 1$
3. $80{,}441 = 8 \times 10{,}000 + 4 \times 100 + 4 \times 10 + 1 \times 1$
4. $3 \times 10{,}000 + 4 \times 1{,}000 + 9 \times 100 + 8 \times 10 + 1 \times 1 = 34{,}981$
5. $3{,}957 = 3 \times 1{,}000 + 9 \times 100 + 5 \times 10 + 7 \times 1$
6. $7 \times 10{,}000 + 4 \times 100 + 8 \times 10 + 6 \times 1 = 70{,}486$
7. $71{,}827 = 7 \times 10{,}000 + 1 \times 1{,}000 + 8 \times 100 + 2 \times 10 + 7 \times 1$
8. $3 \times 100 + 7 \times 10 + 2 \times 1 = 372$
9. $24{,}401 = 2 \times 10{,}000 + 4 \times 1{,}000 + 4 \times 100 + 1 \times 1$
10. $1 \times 10{,}000 + 8 \times 100 + 4 \times 10 + 5 \times 1 = 10{,}845$