Expanded form with multiplication

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

Name _____ Date _____

1. $9 \times 10{,}000 + 3 \times 1{,}000 + 7 \times 100 + 1 \times 10 + 5 \times 1 =$ _____

2. $1{,}634 =$ _____

3. $80{,}441 =$ _____

4. $3 \times 10{,}000 + 4 \times 1{,}000 + 9 \times 100 + 8 \times 10 + 1 \times 1 =$ _____

5. $3{,}957 =$ _____

6. $7 \times 10{,}000 + 4 \times 100 + 8 \times 10 + 6 \times 1 =$ _____

7. $71{,}827 =$ _____

8. $3 \times 100 + 7 \times 10 + 2 \times 1 =$ _____

9. $24{,}401 =$ _____

10. $1 \times 10{,}000 + 8 \times 100 + 4 \times 10 + 5 \times 1 =$ _____

Expanded form with multiplication: answer key

Each answer in colour.

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