Math Test

Build a five-digit number from parts

10,000 + 6,000 + 400 + 70 + 4 = 16474
70,000 + 5,000 + 800 + 30 + 9 = 75839
60,000 + 4,000 + 300 + 40 + 1 = 64341
40,000 + 3,000 + 500 = 435 ✗

Find missing place values from a Six, Five & Four digit number

100,000 + 10,000 + 2,000 + 200 + 20 + ___1___ = 112,221
70 + 800 + 60,000 + 900,000 + 6 + ___9000___ = 964,876
___70000___ + 50,000 + 3,000 + 400 + 20 + 6 = 753,426 ✗
50,000 + ___3000___ + 800 + 40 + 7 = 53,847
8,000 + 20,000 + 2 + 90 + ___700___ = 28,792
___5000___ + 300 + 20 + 6 = 5,326

Write in expanded form (five-digit numbers)

67,798 = 60000 + 7000 + 700 + 90 + 6
82,487 = 80000 + 2000 + 400 + 80 + 7
87,541 = 80000 + 7000 + 500 + 40 + 1
95,549 = 90000 + 5000 + 500 + 40 + 9   ✓

Write from smallest to largest

982,344 8   2 45,580
32,432   4   5 102,86
213,743 7   1 25,650   ✗
113,899 6   3 49,370

Add < or > or = symbols (up to one million)

98,223 ___>___ 89,456
542,658 ___=___ 542,658
98,268 ___<___ 198,268
121,652 ___<___ 652,121

Please write nicely

Round to the underlying digit

56,921 rounded to the nearest hundred = 5603| ✗

72, 576 rounded to the nearest hundred = 72676 *72,600*

84, 210 rounded to the nearest ten thousand = 94210 *80,000*

10,948 rounded to the nearest ten = 10958 *10,950*

6,832 rounded to the nearest thousand = 7832

73,720 rounded to the nearest ten-thousand = 80000

Word Problems

1. Sarah has 356 pencils. She wants to group them in tens. Round the number of pencils to the nearest ten. How many groups of ten pencils will she have?

360 ✗

2. A grocery store received a shipment of 2,347 apples. They want to pack them into boxes of 500 apples each. Round the number of apples to the nearest hundred. How many boxes will they need?

✗   2000

3. A car traveled a distance of 364 miles on a road trip. The gas tank can cover 250 miles before needing a refill. Round the distance to the nearest hundred. How many times will the car need to refuel?

464

4. The school library has 1,642 books. They want to organize them on shelves with a maximum capacity of 200 books each. Round the number of books to the nearest hundred. How many shelves will they need?

✗

1700

$\frac{16}{30}$