

12/5/23

Acry USB

Math Test**Build a five-digit number from parts**

$$\begin{aligned}
 10,000 + 6,000 + 400 + 70 + 4 &= 16,474 \\
 70,000 + 5,000 + 800 + 30 + 9 &= 75,839 \\
 60,000 + 4,000 + 300 + 40 + 1 &= 64,341 \\
 40,000 + 3,000 + 500 &= 43,500
 \end{aligned}$$

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

$$\begin{aligned}
 100,000 + 10,000 + 2,000 + 200 + 20 + \underline{1} &= 112,221 \\
 70 + 800 + 60,000 + 900,000 + 6 + \underline{4,100} &= 964,876 \\
 \underline{700,000} + 50,000 + 3,000 + 400 + 20 + 6 &= 753,426 \\
 50,000 + \underline{3,100} + 800 + 40 + 7 &= 53,847 \\
 8,000 + 20,000 + 2 + 90 + \underline{700} &= 28,792 \\
 \underline{5,000} + 300 + 20 + 6 &= 5,326
 \end{aligned}$$

Write in expanded form (five-digit numbers)

$$\begin{aligned}
 67,798 &= 60,000 + 7,000 + 700 + 90 + 8 \\
 82,487 &= 80,000 + 2,000 + 400 + 80 + 7 \\
 87,541 &= 80,000 + 7,000 + 500 + 40 + 1 \\
 95,549 &= 90,000 + 5,000 + 500 + 40 + 9 + 1
 \end{aligned}$$

Write from smallest to largest

982,344	45,580
32,432	102,86
213,743	25,650
113,899	49,370

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

$$\begin{aligned}
 98,223 &\underline{7} 89,456 \\
 542,658 &\underline{=} 542,658 \\
 98,268 &\underline{<} 198,268 \\
 121,652 &\underline{<} 652,121
 \end{aligned}$$

Round to the underlying digit

$$56,921 \text{ rounded to the nearest hundred} = 56,900$$

72, 576 rounded to the nearest hundred = 72,600 ✓

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

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

6,832 rounded to the nearest thousand = 7,000

73,720 rounded to the nearest ten-thousand = 70,000

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? X

356 rounded = 360

20 tens 36 tens answer

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?

2,347 rounded = 2,300

5 boxes answer ✓

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?

364 rounded = 400 ✓

2 fills answer

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?

1,642 rounded = 1,600 X

8 shelves answer

$$\begin{array}{r} 28 \\ 30 \end{array}$$