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to our Texas Go Math Grade 4 Answer Key Pdf to score good marks in the exams. Test yourself by practicing the problems from Texas Go Math Grade 4 Lesson 5.6 Answer Key Add and Subtract Mixed Numbers. Essential Question How can you add and subtract mixed numbers with like denominators? Answer: First convert the mixed fraction to the fraction if the denominators are the same then you can directly add or subtract the numerators. Unlock the Problem After a party, there were $1\frac{1}{4}$ (4)(6)(1) quesadillas left on one tray and $2\frac{1}{4}$ (3)(6)(1) quesadillas left on another tray. How much more quesadillas were left? Answer: Example Add mixed numbers. Answer: Explanation: Subtract the remaining fractions will be easy. Answer: Subtract mixed numbers. Alejandro had $3\frac{1}{4}$ (1)(6)(1) quesadillas were left. Math Talk Mathematical Processes When modeling sums such as $\frac{1}{4}$ (4)(6)(1) and $\frac{1}{4}$ (3)(6)(1), why is it helpful to combine parts into wholes when possible? Explain. Answer: It is easy to add the numbers than fractions if we make a whole then adding the difference is $\frac{1}{4}$ (1)(6)(1). So, there are $1\frac{1}{4}$ (1)(6)(1) quesadillas left. Answer: The difference is $1\frac{1}{4}$ (1)(6)(1). So, there are $1\frac{1}{4}$ (1)(6)(1) quesadillas left. Explanation: Add the fractions first $\frac{1}{4}$ (4)(6)(1) + $\frac{1}{4}$ (3)(6)(1) = $\frac{2}{4}$ (1)(6)(1). Then subtract the wholes $2 = 1$ Converted $\frac{2}{4}$ (1)(6)(1) to $1\frac{1}{4}$ (1)(6)(1). Record Subtract the fractional parts $1\frac{1}{4}$ (1)(6)(1) + $1\frac{1}{4}$ (1)(6)(1) = $2\frac{2}{4}$ (1)(6)(1) = $2\frac{1}{2}$ (1)(6)(1). The whole number part is 2. The fractional part is $\frac{1}{2}$ (1)(6)(1). So, there are $2\frac{1}{2}$ (1)(6)(1) quesadillas left. Answer: Explanation: Added the wholes then added the fractions written the sum Question 3. Answer: Explanation: Added the wholes then added the fractions written the sum Find the difference. Question 4. Answer: Explanation: subtracted the wholes then subtracted the fractions written the Difference Question 5. Answer: Explanation: subtracted the wholes then subtracted the fractions written the Difference Math Talk Mathematical Processes Explain how adding and subtracting mixed numbers is different from adding and subtracting fractions. Answer: In fractions first we make denominators equal then add or subtract the fractions directly Explanation: In mixed fractions first add or subtract the wholes then add or subtract the fractions Problem Solving Solve. Write your answer as a mixed number. Question 7. The driving distance from Alex's house to the museum is $6\frac{1}{4}$ (7)(10)(1) miles. What is the round-trip distance? Answer: $13\frac{1}{4}$ (4)(10)(1) is the round trip distance Explanation: $6\frac{1}{4}$ (7)(10)(1) + $6\frac{1}{4}$ (7)(10)(1) first add the fractions $\frac{1}{4}$ (7)(10)(1) + $\frac{1}{4}$ (7)(10)(1) = $\frac{2}{4}$ (14)(10)(1) = $\frac{1}{2}$ (14)(10)(1) Then add the wholes $6 + 1 = 7$ + $1 = 8$ + $1 = 9$ + $1 = 10$ + $1 = 11$ + $1 = 12$ + $1 = 13$ + $1 = 14$ + $1 = 15$ + $1 = 16$ + $1 = 17$ + $1 = 18$ + $1 = 19$ + $1 = 20$ + $1 = 21$ + $1 = 22$ + $1 = 23$ + $1 = 24$ + $1 = 25$ + $1 = 26$ + $1 = 27$ + $1 = 28$ + $1 = 29$ + $1 = 30$ + $1 = 31$ + $1 = 32$ + $1 = 33$ + $1 = 34$ + $1 = 35$ + $1 = 36$ + $1 = 37$ + $1 = 38$ + $1 = 39$ + $1 = 40$ + $1 = 41$ + $1 = 42$ + $1 = 43$ + $1 = 44$ + $1 = 45$ + $1 = 46$ + $1 = 47$ + $1 = 48$ + $1 = 49$ + $1 = 50$ + $1 = 51$ + $1 = 52$ + $1 = 53$ + $1 = 54$ + $1 = 55$ + $1 = 56$ + $1 = 57$ + $1 = 58$ + $1 = 59$ + $1 = 60$ + $1 = 61$ + $1 = 62$ + $1 = 63$ + $1 = 64$ + $1 = 65$ + $1 = 66$ + $1 = 67$ + $1 = 68$ + $1 = 69$ + $1 = 70$ + $1 = 71$ + $1 = 72$ + $1 = 73$ + $1 = 74$ + $1 = 75$ + $1 = 76$ + $1 = 77$ + $1 = 78$ + $1 = 79$ + $1 = 80$ + $1 = 81$ + $1 = 82$ + $1 = 83$ + $1 = 84$ + $1 = 85$ + $1 = 86$ + $1 = 87$ + $1 = 88$ + $1 = 89$ + $1 = 90$ + $1 = 91$ + $1 = 92$ + $1 = 93$ + $1 = 94$ + $1 = 95$ + $1 = 96$ + $1 = 97$ + $1 = 98$ + $1 = 99$ + $1 = 100$ + $1 = 101$ + $1 = 102$ + $1 = 103$ + $1 = 104$ + $1 = 105$ + $1 = 106$ + $1 = 107$ + $1 = 108$ + $1 = 109$ + $1 = 110$ + $1 = 111$ + $1 = 112$ + $1 = 113$ + $1 = 114$ + $1 = 115$ + $1 = 116$ + $1 = 117$ + $1 = 118$ + $1 = 119$ + $1 = 120$ + $1 = 121$ + $1 = 122$ + $1 = 123$ + $1 = 124$ + $1 = 125$ + $1 = 126$ + $1 = 127$ + $1 = 128$ + $1 = 129$ + $1 = 130$ + $1 = 131$ + $1 = 132$ + $1 = 133$ + $1 = 134$ + $1 = 135$ + $1 = 136$ + $1 = 137$ + $1 = 138$ + $1 = 139$ + $1 = 140$ + $1 = 141$ + $1 = 142$ + $1 = 143$ + $1 = 144$ + $1 = 145$ + $1 = 146$ + $1 = 147$ + $1 = 148$ + $1 = 149$ + $1 = 150$ + $1 = 151$ + $1 = 152$ + $1 = 153$ + $1 = 154$ + $1 = 155$ + $1 = 156$ + $1 = 157$ + $1 = 158$ + $1 = 159$ + $1 = 160$ + $1 = 161$ + $1 = 162$ + $1 = 163$ + $1 = 164$ + $1 = 165$ + $1 = 166$ + $1 = 167$ + $1 = 168$ + $1 = 169$ + $1 = 170$ + $1 = 171$ + $1 = 172$ + $1 = 173$ + $1 = 174$ + $1 = 175$ + $1 = 176$ + $1 = 177$ + $1 = 178$ + $1 = 179$ + $1 = 180$ + $1 = 181$ + $1 = 182$ + $1 = 183$ + $1 = 184$ + $1 = 185$ + $1 = 186$ + $1 = 187$ + $1 = 188$ + $1 = 189$ + $1 = 190$ + $1 = 191$ + $1 = 192$ + $1 = 193$ + $1 = 194$ + $1 = 195$ + $1 = 196$ + $1 = 197$ + $1 = 198$ + $1 = 199$ + $1 = 200$ + $1 = 201$ + $1 = 202$ + $1 = 203$ + $1 = 204$ + $1 = 205$ + $1 = 206$ + $1 = 207$ + $1 = 208$ + $1 = 209$ + $1 = 210$ + $1 = 211$ + $1 = 212$ + $1 = 213$ + $1 = 214$ + $1 = 215$ + $1 = 216$ + $1 = 217$ + $1 = 218$ + $1 = 219$ + $1 = 220$ + $1 = 221$ + $1 = 222$ + $1 = 223$ + $1 = 224$ + $1 = 225$ + $1 = 226$ + $1 = 227$ + $1 = 228$ + $1 = 229$ + $1 = 230$ + $1 = 231$ + $1 = 232$ + $1 = 233$ + $1 = 234$ + $1 = 235$ + $1 = 236$ + $1 = 237$ + $1 = 238$ + $1 = 239$ + $1 = 240$ + $1 = 241$ + $1 = 242$ + $1 = 243$ + $1 = 244$ + $1 = 245$ + $1 = 246$ + $1 = 247$ + $1 = 248$ + $1 = 249$ + $1 = 250$ + $1 = 251$ + $1 = 252$ + 1