Appendix 5.2B

Solutions

School Picnic - Part 2

Question	Solution
1. Cantaloupes were provided for the snack. We cut them into 4 equal pieces. Each of the 50 students received 1 piece. How many cantaloupes did we have?	50 pieces equal to one-fourth of a cantaloupe = $\frac{50}{4}$ = $12\frac{2}{4}$. There were at least 13 cantaloupes.
2. At the end of the picnic, there were $12\frac{2}{3}$ sandwiches left. How many one-thirds of a sandwich were left?	$12\frac{2}{3} = \frac{36}{3} + \frac{2}{3} = \frac{38}{3}$ There were 38 one-thirds $\left(\frac{38}{3}\right)$ of a sandwich.
3. A few pies were provided for dessert. We've cut each one in 8 equal pieces. We had just over $\frac{60}{8}$ pie. How many pies did we have?	A little more than $\frac{60}{8}$ = a little more than $\frac{56}{8} + \frac{4}{8}$ = a little more than $7\frac{4}{8}$ or $7\frac{1}{2}$. There were 8 pies.