

Multi-Step Equations - Fractions and Decimals

Sheet 1

- 1) Danielle baked macaroni for her children for which she used up $\frac{1}{9}$ th of a jug of milk. She also poured 20.5 ounces of milk into a bowl of cornflakes. If 25.5 ounces of milk remain in the jug, how much milk did the jug originally contain?

- 2) Nancy has a freshwater aquarium at home. She buys goldfish four more than twice the number of platies she bought last Sunday. She also buys 2 black mollies and 4 fancy guppies that amounted to one quarter of the total number of fish in all, how many goldfish did she buy?

- 3) A total of 119 golden tickets were also sold for 119 dollars. The price of a platinum ticket was 10 times the price of a golden ticket. The price of a platinum ticket was 10 times the price of a golden ticket. How much was a golden ticket?

- 4) David bought a variety of gifts for his daughters, Amy and Anna. Amy ate the remaining ones.

- 5) Robert earns \$512.75 less than the salary earned by Noel. John earns three times Robert's salary. If the total salary earned by them is \$47,645.25, how much salary do Robert earn?

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Answer key**Multi-Step Equations - Fractions and Decimals**

Sheet 1

- 1) Danielle baked macaroni for her children for which she used up $\frac{1}{9}$ th of a jug of milk. She also poured 20.5 ounces of milk into a bowl of cornflakes. If 25.5 ounces of milk remain in the jug, how much milk did the jug originally contain?

51.75 ounces

- 2) Nancy has a freshwater aquarium at home. She buys goldfish four more than twice the number of platies she bought last Sunday. She also buys 2 black mollies and 4 fancy guppies that amounted to one quarter of the total number of fish in all, how many goldfish did she buy?

20 goldfish

- 3) A total of 119 golden tickets were also sold. The price of a platinum ticket was 3 times the price of a golden ticket. The price of a platinum ticket was \$32, if the total amount of money collected was \$1190, how many golden tickets and 6 platinum tickets were sold? What was the price of the golden ticket?

\$32

- 4) David bought a variety pack of donuts for his daughters, Amy and Anna. Amy ate 3 donuts and Anna ate the remaining ones. If there were 15 donuts in the pack, how many donuts did Amy eat?

12 donuts

- 5) Robert earns \$512.75 less than the salary earned by Noel. John earns three times Robert's salary. If the total salary earned by them is \$47,645.25, how much salary do Robert earn?

\$9426.5

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