

Two-Step Equation Word Problems



Write and solve an equation for each problem.

1 Carla is a waitress at Daybreak Diner, and she earns \$5 for each hour she works. Last week, she earned \$148 total, including \$68 in tips. How many hours did Carla work last week?

2 Mr. Olin bought 6 sketchbooks for the students in his art class. Each sketchbook was on sale for \$3 off. If the sketchbooks cost \$18 total before tax, what was the original price of each sketchbook?

3 Davion wants to buy 4 tickets to a basketball game. He sees that there is a discount for \$25 off his entire purchase at checkout, so the tickets would cost him \$215 before tax. What was the original price of each ticket?

4 Elana makes knit hats and scarves and sells them in her online store for \$12 each. Last week, Elena's store made \$180 total. If she sold 8 hats, how many scarves did she sell?

5 Tiana bought 3 video games that each cost the same amount. The tax on each video game was \$1.29. She paid a total of \$68.37 after tax. What was the price of each video game, before tax?

6 The local pool near Paxton's house charges a one-time registration fee of \$18.25 and \$17.50 per month. Last year, Paxton paid \$105.75. How many months was Paxton a member of the pool?