

Writing two-step equations

Name: _____

Define a variable, write and solve a two-step equation for each.

1. You bought a magazine for \$7 and some erasers for \$4 each. You spent a total of \$39. How many erasers did you buy?
2. Arjun spent half of his weekly allowance at the movies. To earn more money his parents let him mow the lawn for \$8. What is his weekly allowance if he ended up with \$15?
3. 115 students went on a field trip. Four buses were filled and 11 students traveled in cars. How many students were in each bus?
4. Brenda was going to sell all of her stamp collection to buy a video game. After selling half of them she changed her mind. She then bought thirteen more. How many did she start with if she now has 33?
5. Carlos rented a bike from Kim's Bikes. It cost \$12 plus \$3 per hour. He paid \$30 in total, for how many hours did he rent the bike?
6. How old am I if 200 reduced by twice my age is 16?

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