

Name: _____

Date: _____

Equations Word Problems

Directions: Read each word problem and create an equation that models the scenario. Use your created equation to solve the given word problem.

- 1) 100 students went on a field trip. 6 buses were filled and 10 students traveled to the destination in cars with their parents. How many students were on each bus?

- 2) Netflix charges David \$15 per month for a membership, plus a \$5 one-time fee for streaming on his phone. How many months will David have his membership for if Netflix charges him \$50?

- 3) Jonathan purchased 120 pieces of candy for Valentine's Day. He gives 2 pieces to each of his friends. When he finishes handing out candy, he has 30 pieces left. How many friends did he give candy to?

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4) Rosemary had \$25 to spend on school supplies. She buys 4 packages of mechanical pencils. After her trip to the store, she only has \$1 left. How much did each pack of pencils cost?

5) William sold half of his comic book collection then purchased 10 more. He now has 24 comic books. How many books did William begin with?

6) Ryan goes to the mall with his friends after school. At the mall, he purchases 4 pairs of basketball shorts and a pair of sneakers for \$100. If he spends a total of \$200, how much money did he spend on each pair of basketball shorts?