

Name _____

Period _____

SWP2- Solve Word Problems

Write an equation and solve:

Use these to help you:

- A. Define the variable
- B. Determine the constant
- C. Write the rate including the variable
- D. Write the equation

1. 331 students went on a field trip. Six buses were filled and 7 students traveled in cars. How many students were in each bus?

2. Aliyah had \$24 to spend on seven gel-pens. After buying them she had \$10 left. How much each gel-pen cost?

3. You bought a magazine for \$5 and four of the same erasers. You spent a total of \$25. How much did each eraser cost?

4. Sumalee won 40 super bouncy balls playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?

5. How old am I if 400 reduced by 2 times my age is 244?

6. Troy and two of his friends do yard work for Troy's dad. After Troy's dad paid \$35 for gas and expenses, the boys made \$128 in October. How much will each boy make?

7. My puppy started out at 1.84 pounds and gained 6.24 pounds each month. At how many months did my puppy weigh 45.52 pounds?

8. Some friends made \$56 selling lemonade. \$8 of that had to be given to a parent who bought all the supplies. If each friend makes \$12, how many friends divided the money?

9. A cab charges \$2 for a cab ride and an additional \$3 per mile driven. How far does a cab drive if the ride costs \$35?