

Name : _____

Two-Step Equation Word Problems Worksheet

- 1 Sophia bought a magazine for \$10 and 4 erasers. She spent a total of \$24. How much did each eraser cost?

- 2 David took a taxi back home from his school. The taxi fare was \$2.5 per mile. David paid \$50 to the taxi driver. Write an equation and solve for the distance in miles(x) between his home and school.

- 3 The sum of three consecutive even numbers is 52. What is the smallest number?

- 4 For a field trip 4 students rode in cars and the rest filled 9 buses. How many students were in each bus if 472 students were going on the trip?

- 5 How old am I if 600 reduced by twice my age is 424?

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Answers

- ① Sophia bought a magazine for \$10 and 4 erasers. She spent a total of \$24. How much did each eraser cost?

Ans: \$3.5

- ② David took a taxi back home from his school. The taxi fare was \$2.5 per mile. David paid \$50 to the taxi driver. Write an equation and solve for the distance in miles(x) between his home and school.

Ans: $x = 20$ miles

- ③ The sum of three consecutive even numbers is 52. What is the smallest number?

Ans: $16\frac{1}{3}$

- ④ For a field trip 4 students rode in cars and the rest filled 9 buses. How many students were in each bus if 472 students were going on the trip?

Ans: 52

- ⑤ How old am I if 600 reduced by twice my age is 424?

Ans: 88