

Answer the questions in the spaces provided on the question sheets. If there is no solution, write no solution. Be sure to **show your work to earn full credit**. You **MAY** use a calculator to help you. If you run out of room for an answer, raise your hand to ask for an extra piece of paper.

Name and period: \_\_\_\_\_

- 1) Solve the equation.

$$x + 6 = 19$$

- 4) Solve the equation.

$$65 = 5x - 10$$

- 2) Solve the equation.

$$83 + y = 57$$

- 5) Solve the equation.

$$2(y + 7) = 49$$

- 3) Solve the equation.

$$6x + 8 = 32$$

- 6) Solve the equation.

$$81 = 4h + 5h - 9$$

7) Solve the equation.

$$8n - 9 = 2n + 3$$

10) Solve the equation.

$$|x - 8| = 3$$

8) Solve the equation.

$$x - 42 = 98 - 9x$$

11) Solve the equation.

$$\frac{n-10}{12} = \frac{8}{3}$$

9) Solve the equation.

$$3(x + 4) = 3x + 11$$

12) Solve the equation.

$$\frac{4}{6} = \frac{8}{x}$$