

# Introduction to Algebra

Name \_\_\_\_\_

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**Solve each equation.**

1)  $16 = x + 15$

2)  $1 = x - 9$

3)  $18 = n + 9$

4)  $16 + b = 25$

5)  $1 = n - 18$

6)  $20 + n = 26$

7)  $11 = \frac{x}{2}$

8)  $\frac{x}{13} = 4$

9)  $\frac{n}{9} = 20$

10)  $160 = 20n$

11)  $16x = 48$

12)  $5 = \frac{n}{17}$

**Harder. 2 Steps. Show your work! Solve each equation.**

13)  $29 = 7n + 1$

14)  $11 = \frac{x}{9} + 10$

$$15) 10n - 9 = 111$$

$$16) 132 = 7r - 1$$

$$17) 10 = 8 + \frac{n}{3}$$

$$18) 3n - 8 = 28$$

## Answers to Introduction to Algebra

1) {1}

5) {19}

9) {180}

13) {4}

17) {6}

2) {10}

6) {6}

10) {8}

14) {9}

18) {12}

3) {9}

7) {22}

11) {3}

15) {12}

4) {9}

8) {52}

12) {85}

16) {19}