

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**UNIT 1 • INTRODUCTION TO FUNCTIONS AND EQUATIONS**

**A-REI.3**

**Lesson 1.2 Solving Linear Equations**

---

**Practice 1.2 Solving Linear Equations**

**A**

Solve each equation that follows.

1.  $14 - 3y = 4y$

2.  $10x - 22 = 29 - 7x$

3.  $r - 4 + 6r = 3 + 8r$

4.  $-x + 7 - 6x = 19 - 3x$

5.  $8(11 - 2b) = -4(4b - 22)$

6.  $6(2x - 4) = 3(4x + 8)$

7.  $12x - 5 = 8x - x + 50$

8.  $5 - 3z - 18 = z - 1 + 8z$

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**UNIT 1 • INTRODUCTION TO FUNCTIONS AND EQUATIONS**

**A-REI.3**

**Lesson 1.2 Solving Linear Equations**

---

**Practice 1.2 Solving Linear Equations**

**B**

Solve each equation that follows.

1.  $4x - 15 = 17 - 4x$

2.  $3x - 2x = -4x + 4$

3.  $4t - 5t + 9 = 5t - 9$

4.  $53a - 55 = 42a$

5.  $3(2x - 4) = 6(x - 2)$

6.  $8(3x + 2) = 2(12x - 5)$

7.  $8a - 15 - 6a = 85 - 3a$

8.  $3m - 5m - 12 = 7m - 88 - 50$