## Introduction to solving an equation with parentheses: Worksheet 6.2

Name Score

Solve the following equations

1. 
$$6(z + 3) = 24$$

2. 
$$7(f-2) = 28$$

3. 
$$48 = 6(x - 1)$$

4. 
$$3(w - 3) = -15$$

5. 
$$3(q + 5) = 18$$

6. 
$$5(n + 4) = 45$$

7. 
$$7(r + 8) = 0$$

8. 
$$16 = 2(b + 6)$$

9. 
$$-48 = 6(y - 9)$$

10. 
$$21 = 7(3 + 7d)$$



## Solutions: Worksheet 6.2

1. 
$$z = 1$$

2. 
$$f = 6$$

3. 
$$x = 9$$

4. 
$$w = -2$$

5. 
$$q = 1$$

6. 
$$n = 5$$

7. 
$$r = -8$$

8. 
$$b = 2$$

9. 
$$y = 1$$

10. 
$$d = 0$$