**6.EE.4 Practice Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(11-1) I can determine whether two expressions are equivalent by using the same value to evaluate both expressions.**

**(11-2) I can use the properties of operations to justify that two expressions are equivalent.**

Use substitution to determine if each pair of expressions are equivalent. Show your work. If they are equivalent, which property justifies their equivalency?

1. 10g - 20

2. 8 – k – 4

3. (g + 3) + 2

4. z + z + z + z

5. 7 \* w \* 2

6. (9 – x) + 8

7. 7f

8. 3w + 5w

9. 4 \* 5 \* v

10. 12 + (5 + h)

11. 7 (8 – p)

12. 5 – d + 9

13. (11 + g) + 4

14. y + y + 5

15. 15 + (w – 8)

1. 10 ( g + 2) g=5

2. k – 8 – 4 k=12

3. g + (3 + 2) g=9

4. 5z z=4

5. 2 \* 7 \* w w=10

6. 9 – (x + 8) x=3

7. f + f + f + f + f + f + f f=2

8. w (3 + 5) w=9

9. 5 \* v \* 4 v=7

10. (12 + 5) + h h=1

11. 56 + 7p p=4

12. d + 9 – 5 d=11

13. 11 + (g + 4) g=15

14. 5 + 2y y=8

15. (15 + w) – 8 w=6