Mr. Powder<br>Ditto 14 - Review of Expressions

1. What is the value of the expression $f^{2}+5$ if $f=$ 3 ?
2. Which property is shown by the equation $14 \cdot y \cdot 1=14 y$ ?
3. What are the next three terms in the sequence $2.0,3.5,5.0,6.5, \ldots$ ?
4. What is the value of the expression $3(2-7)$ ?
5. What is $7 y+15-7 y-8$ ?
6. Factor $25 x+45$ using the GCF.
7. Subtract $(3 x+5)-(x+2)$.
8. Name the property of multiplication that is shown by the equation $17 x \cdot 1=17 x$.
9. Name the property that is shown by the equation $5(4+q)=5(4)+5(q)$.
10. Identify the next three terms in the arithmetic sequence $4.2,4.8,5.4,6.0, \ldots$
11. $\operatorname{Add}(-7 x+1)+(2 x-11)$.
12. Caroline bought 5 bracelets. Find the total cost of the bracelets if each bracelet cost $\$ 3.10$. Justify your answer.

Math 7R
Name:
2. What is the value of $9 x-4 y$ if $x=3$ and $y=2$ ?
4. What are the next three terms in the sequence $3,6,9,12, \ldots$ ?
6. What is the next term in the pattern $0.4,0.8,1.2,1.6$,
8. Use the distributive property to write an expression that is equivalent to $-3(x+10)$ ?
10. Simplify $x+6-3 x-8$.
12. Add $(12 x+5)+(3 x-7)$.
14. In the expression $10 a+4$, identify the coefficient.
16. Use the Distributive Property to write $6(w+5)$ as an equivalent expression.
18. Simplify the expression $-3(4 x+5)-2(-5 x+8)$.
20. Find the GCF of $6 a b, 3 a$.
22. Subtract $(11 x-9)-(-4 x-6)$.
24. Write the expression $7 b-3(b-1)$ in simplest form.

