

Writing and Evaluating Expressions Worksheet**Evaluate each expression using the values $m = 7$, $r = 8$, and $t = 2$.**

1. $5m - 6 = 29$

2. $4m + t = 30$

3. $\frac{r}{t} = 8$

4. $mt = 14$

5. $5t + 2m = 24$

6. $rm = 56$

7. $3m - 5t = 11$

8. $\frac{mr}{t} = 28$

10. $m^2 + rt = 65$

11. $-t^3m + 5r = -16$

12. $5t^2 - r^2 = -44$

Simplify the following.

13. $3x - 4 + 7x + 1 = 10x - 3$

14. $3(x - 2) + 10 = 3x + 4$

15. $-(x - 7) + 2x - 4 = x + 3$

16. $2(2x + 3) - 4(x + 1) = 0x + 2$ OR 2

17. $6 + 3(x + 2) - 5x + 4 = -2x + 16$