

8-7**Skills Practice** *
Multiplying Polynomials

All Work On Looseleaf !!!

Yes...this means you too !!!!

Find each product.

1. $(m + 4)(m + 1)$

2. $(x + 2)(x + 2)$

3. $(b + 3)(b + 4)$

4. $(t + 4)(t - 3)$

5. $(r + 1)(r - 2)$

6. $(z - 5)(z + 1)$

7. $(3c + 1)(c - 2)$

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

9. $(d - 1)(5d - 4)$

10. $(2\ell + 5)(\ell - 4)$

11. $(3n - 7)(n + 3)$

12. $(q + 5)(5q - 1)$

13. $(3b + 3)(3b - 2)$

14. $(2m + 2)(3m - 3)$

15. $(4c + 1)(2c + 1)$

16. $(5a - 2)(2a - 3)$

17. $(4h - 2)(4h - 1)$

18. $(x - y)(2x - y)$

19. $(e + 4)(e^2 + 3e - 6)$

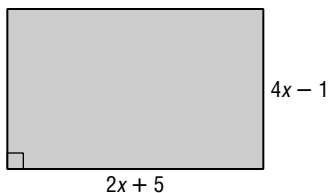
20. $(t + 1)(t^2 + 2t + 4)$

21. $(k + 4)(k^2 + 3k - 6)$

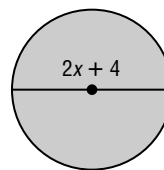
22. $(m + 3)(m^2 + 3m + 5)$

GEOMETRY Write an expression to represent the area of each figure.

23.



24.



$$\begin{aligned} A &= \pi r^2 \\ d &= 2x + 4 \\ r &= \frac{d}{2} \end{aligned}$$