3.4 Practice A

1. 115 **2.** 150 **3.** 486 **4.** 413

5. $\frac{1}{3}\left(2 + \frac{3}{4}\right) = \frac{11}{12}$ **6.** $\frac{2}{5}\left(3 + \frac{1}{2}\right) = 1\frac{2}{5}$

7. $\frac{3}{8}\left(5 + \frac{2}{3}\right) = 2\frac{1}{8}$ **8.** $4x + 24$

9. $8c - 40$ **10.** $14y + 56$

11. $9e - 36$ **12.** $24 + 6n$

13. $21 + 7x + 28 = 7x + 49$

14. 5 must be multiplied by both x and 9; $5x + 45$

15. C; You need to add the two activities and then multiply the sum by 5.

16. $5(r + 3) = 5r + 15$

17. $9w + 54 + 4 = 9w + 58$

18. $15 + 5m - 7 = 5m + 8$

19. $11m + 7$ **20.** $5f - 8$

21. $1\frac{7}{8}x$ **22.** $3.1p - 8.37$

23. area: $5(x + 2) = 5x + 10$

perimeter: $2(5) + 2(x + 2) = 2x + 14$