Pg. 115 Answers

10. $4c + 5$

11. $-\dfrac{4}{15}d - 8$

12. $2(b + 4)$

13. $\dfrac{1}{4}\left(y + \dfrac{3}{2}\right)$

14. $1.7(j - 2)$

15. $-5(p - 4)$

16. $p = -1$

17. $q = -5$

1. Terms: z, 8, $-4z$;
Like terms: z and $-4z$

18. $j = -20$

19. $b = 8$

2. Terms: $3n$, 7, $-n$, -3;
Like terms: $3n$ and $-n$,
7 and -3

20. $n = -\dfrac{1}{2}$

21. $v = -\dfrac{1}{24}$

22. $t = 4.9$

23. $\ell = -19.7$

3. Terms: $10x^2$, $-y$, 12, $-3x^2$;
Like terms: $10x^2$ and $-3x^2$

24. $x = -24$

25. $y = -49$

26. $z = 3$

27. $w = 50$

4. $-4h$

28. $x = -2$

29. $y = -5$

5. $3.5r - 7$

30. $z = 6$

31. $w = -0.5$

6. $\dfrac{9}{20}x + 12$

32. $-16°F$

33. $c = 7$

7. $3q + 21$

34. $w = -\dfrac{8}{9}$

35. $w = -12$

8. $2m - 18$

9. $1.5n - 3.2$

36. $x = -3.5$

37. 11 years