Answer Key — Solving One-Step Equations (Grade 7)

1. $x + 7 = 15 \rightarrow x = 8$

2. $y - 4 = 9 \rightarrow y = 13$

3. $a + 12 = 20 \rightarrow a = 8$

4. $p - 6 = 3 \rightarrow p = 9$

5. $n + 5 = 10 \rightarrow n = 5$

6. $5x = 25 \rightarrow x = 5$

7. $3y = 12 \rightarrow y = 4$

8. $9a = 27 \rightarrow a = 3$

9. $4m = 16 \rightarrow m = 4$

10. $7k = 35 \rightarrow k = 5$

11. $x/2 = 8 \rightarrow x = 16$

12. $y/5 = 3 \rightarrow y = 15$

13. $a/4 = 6 \rightarrow a = 24$

14. $p/3 = 5 \rightarrow p = 15$

15. $n/7 = 2 \rightarrow n = 14$

16. $x - 9 = -3 \rightarrow x = 6$

17. $y + 6 = 2 \rightarrow y = -4$

18. $6m = -12 \rightarrow m = -2$

19. $p/4 = -2 \rightarrow p = -8$

20. $k - 8 = -1 \rightarrow k = 7$