3. $x = 4$

4. $x = 6$

5. $x = 5$

6. $x = 2$

7. $x = -5, x = 7$

8. $x = 2, x = 5$

9. $x = -1, x = 0$

10. $x = -\frac{3}{2}, x = 5$

11. 26 serves

12. 15 hits

13. 20.5 oz

14. about 0.07 L