

SM3 9.7 answers

1. $x=6$
2. $x = 12$
3. $x = -4$
4. $x = 32$
5. $x = 1000$
6. $x = 5\frac{1}{4}$ or $\frac{21}{4}$
7. $x \approx 2.9299$
8. $x \approx -5.1150$
9. $x \approx 64.3775$
10. $x \approx -1.3863$
11. $x \approx 3.0466$
12. $x \approx \pm 20.0855$ or $\pm e^3$ You can also just have the positive numbers and no negative number answers
13. $x = \pm 100$ You can also just have the positive numbers and no negative number answers
14. $x = \frac{29}{3}$ or $9\frac{2}{3}$
15. $x = 7$
16. $x = 3$
17. $x = 29$
18. $n = 5$
19. $x = 8$
20. $x = 2\frac{1}{3}$ or $\frac{7}{3}$
21. $t \approx 1.12$ years, 7.42 years, 14.36 years