

**SM3 11.5 odd answers**

1.  $x = 2$

3.  $x = 6, -\frac{2}{3}$

5.  $\log_x 7 = 2$

7.  $\log_5 8.4 = x$

9.  $5^3 = 125$

11.  $10^x = 6$

13.  $x = \frac{7}{2}$

15.  $x = 3$

17.  $x^{\frac{-5+\ln 8}{2}}$

19.  $x = 2 - \log \frac{5}{2}$

21.  $x = \frac{1}{243}$

23.  $x = \frac{5+\log_3 7}{2}$

25.  $t \approx 5.09$  years