

SM3 9.8 answers

1. \$108.29
2. \$1,244.83
3. 5.07 months
4. \$88.72
5. \$266.20
- 6a. 500 insects
- 6b. 2%
- 6c. 610 insects
- 6d. 23.5 days
- 6e. 34.7 days
- 7a. 58.779%
- 7b. 5,832 mosquitoes
- 7c. 3.9 days
- 7d. 1.2 days
- 8a. $dB \approx 25$
- 8b. $dB \approx 134$ Since the decibels is above 85, you should wear ear protection to prevent hearing loss.
9. $R \approx 3$ since the Richter rating is a 3, it could just be a heavy truck driving by