

Exercise 183. Page 198

1. 61.67 ... %.
2. 17.94 ... bu. per ac. in 1891 ; 9.33 ... bu. per ac. in 1901.
3. (a) 20.49 (nearly) cents per lb. for butter. (b) 7.04 ... c. is price of cream per lb. paid to patrons. *
4. (a) 1841-1851, 143 mi.; 1851-1861, 1987 mi.; 1861-1871, 549 mi.; 1871-1881, 4636 mi.; 1881-1891, 6507 mi.; 1891-1901, 4302 mi. (b) $893\frac{3}{4}$ % ; $1249\frac{100}{125}$ % ; 25.58 ... % ; 172.02 ... % ; 88.76 ... % ; 31.08 ... %. (c) 1851 to 1861.
5. (a) 34.81 ... % . (b) 43.18 ... % . 6. \$3903.82 ...
7. (a) \$7463.04 ... (b) Electric 1.91 ... times as expensive as steam, or \$3559.22 per mile more than steam.
8. \$7.43 ... 9. 1197.1 ; \$18.52 ...
10. (a) \$333794. (b) 8.606 ... % .
11. (a) In 1904, loss, 7.05 ... % ; in 1905, gain, 57.97 ... % (b) \$9219945. (c) 1.25 ... % .
12. (a) Percentage in increase of population : 1881-1891, 131.23 ... ; 1891-1901, 67.34 For occupiers of land the percentages are : 148.66 ... ; 43.96 Therefore the occupiers of land increased more rapidly during the first decade, and the population during the second decade. (b) 13.76 ... % ; 14.80 ... % ; 12.73 ... % .
13. .1199 ... engines, .05302 ... passenger cars, 2.3616 ... freight cars.
14. 12c. very nearly. (For 5 yr., total quantity = 138191108 lb., value = \$16558431).
15. (a) \$398.87 in 1891 ; \$367.87 ... in 1901. (b) \$31 decrease.
16. 1.4351 ... metres.
17. (a) \$68235090. (b) Timber and lumber, \$80129280. (c) \$343053480.
18. (a) 15.75 (nearly) bu. ; 9.63 (nearly) bu. (b) 365.92 ... % . (c) 184.75 ... % in total increase.
19. (a) $42\frac{5}{8}^\circ = 42.83^\circ$. (b) 58.7° ... 20. 56.42 ... % .
21. \$372.78 ... in 1901 ; \$331.22 ... in 1891 ; \$41.56 ... increase.
22. 84% .
23. \$15.74 ... per oz.