

EXERCISES. Pages 81-82.

1. (1) \$524.70; (2) \$123.92; (3) \$831.93; (4) \$1499.77.
 2. (1) $1 + (1.05)^2$; (2) $\frac{1}{1.05}$; (3) $1 + [(1.04)^2(1.02)]$; (4) $\frac{1}{1.04}$.
 3. (1) $\frac{1}{1.05}$; (2) $\frac{1}{1.05}$; (3) $\frac{1}{1.05}$; (4) $\frac{1}{1.05}$. 4. \$1924.99. 5. \$1451.96.
 6. \$1633.95. 7. 59 da. 8. 7 mo. 9. 61 da. 10. 60 da., 61 da.,
 11. 3et. 12. \$130, 4%. 13. \$1764, 5%. 14. \$52.40.

EXERCISES. Pages 84-85.

1. \$706.53. 2. \$206.49. 3. \$1510.10 (or \$1510.26 if the last int. is taken for 92 da., not for 3 mo.). 4. \$404.72.

EXERCISES. Pages 88-89.

1. (1) \$1483.50; (2) \$37,856.25; (3) \$2996.88; (4) \$4848.75;
 (5) \$13,584.38. 2. (1) \$20,291.25; (2) \$54,718.75; (3) \$9670.00;
 (4) \$4741.88; (5) \$14,501.25. 3. (1) 4.002%; (2) 4.282%;
 (3) 4.235%; (4) 5.284%; (5) 4.267%. 4. 125, 124 $\frac{1}{2}$. 5. The
 former. 6. \$4040.63. 7. \$2800 stock, \$31. 8. \$9450.
 9. \$112.50. 10. \$60. 11. \$60. 12. \$50. 13. \$125.
 14. \$1. 15. \$10,000, \$8400, \$46. 16. 133 $\frac{1}{2}$.

EXERCISES. Pages 92-93.

1. \$1166.53. 2. \$15,852.78. 3. \$8056.25. 4. 9.
 5. \$1754.38. 6. \$308.29. 7. \$1536. 8. 4.835% (=4 $\frac{1}{4}$ %).
 9. \$1157.47. 10. \$835.53.

EXERCISES. Pages 100-102.

1. (1) 35 sq. in.; (2) 195 sq. dm.; (3) 323 sq. m. 2. 52m.,
 $\sqrt{3329}=57.697$ m. 3. 88 yd., 187 yd. 6. \$34.13. 7. 512
 sq. yd. 8. 1:4. 9. 49:48. 10. 18-3576m., 12m., 16-9706m.
 11. (1) 13 in.; (2) 6-5m.; (3) 64-637 dm. 12. 84 yd.
 13. $\sqrt{3312}$ (=57.55m.). 14. 14-5 ft. 16. 41-184m. 17. 630
 sq. chains. 18. BC=30m., AC=50m. 19. 173-205 sq. yd.
 20. 25 $\frac{1}{3}$, 144 $\frac{1}{3}$, 169 $\frac{1}{3}$ sq. dm. or 43-301, 249-415, 292-717 sq.
 dm.; sum of first and second is equal to third.