

## Exercise 65. Page 95

1. Square; 160 ac.      2. 480 ac.; 4 mi. of fence; cost \$384.
3. \$160.                      4. \$5520.                      5. 1 mi.
6. \$334080.                      7. \$1604160.                      8. 2 mi.; 4 mi.
9. (1) 3 mi. 66 ft. or 3 mi. 4 rd.  
(2) 7 mi. 66 yd. = 7 mi. 12 rd.  
(3) The distance to the centre of the road allowance midway  
between the north and the south sides of sections 23  
and 24 =  $6\frac{1}{2}$  mi. 99 yd. = 6 mi. 979 yd. = 6 mi. 178 rd.  
(4) The distance will be  $6\frac{1}{2}$  mi. 99 yd. = 6 mi. 178 rd.

## Exercise 66. Page 98

1. 60 cords 9 cu. ft.      2. 4 cu. ft. 1557 cu. in.      3. 135424 cu. in.
4. 610 cord ft. 4 cu. ft.      5. 813888 cu. in.      6. 3552 cu. ft.
7. 13 cu. yd. 18 cu. ft. 52 cu. in.      8. 45 cords 8 cu. ft.
9. 3712 cu. ft. 260 cu. in.      10. 186624 cu. in.

## Exercise 67. Page 100

1. 120 bu. 2 qt.      2. 678 pt.      3. 2311 pt.
4. 336 gal. 3 qt. 1 pt.      5. 556 pk.      6. 61 bu. 25 lb.
7. 96 gal. 8 lb. or  $96\frac{8}{10}$  gal.      8. 80 standard gal.
9. 157 bu. 10 lb.      10. 72 bu.

## Exercise 68. Page 101

1. 62100 sec.                      2. 230400 sec.
3. 10 hr. 14 min. 1 sec.                      4. 2 da. 13 hr. 18 min.
5. 1814400 sec.                      6. 8784 hr.
7. 2 wk. 3 da. 17 hr.                      8. 38 da. 13 hr. 55 min.
9. 608400 sec.                      10. 1 da. 22 hr. 47 min. 36 sec.

## Exercise 69. Page 102

1. 1740 sec.                      2. 34099 sec.                      3.  $12^{\circ} 48'$ .
4.  $21^{\circ} 21' 35''$ .                      5. 19038 sec.                      6. 2714400 sec.
7. 1299660 sec.                      8. 1641648 sec.