## Exercise 187. Page 207

1. 10 ; 100 ; 1000 ; 10 ; 100.
2. $\frac{1}{10}$ *or* .1 ; $\frac{1}{100}$ *or* .01 ; $\frac{1}{1000}$ *or* .001.
4. (*a*) 172.448 m. (*b*) 862.05 m. ; .00083 m. (*c*) 365.6 m. ; 391.948 ... m.
5. $272.19 ($272.1875). 6. $1801325 = $25000 × 72.053.
7. 7.64 mi. = 12.22 × $\frac{5}{8}$ mi. 8. 4800 km. (8 km. = 5 mi.).
9. $13\frac{1}{3}$ m. per sec. 10. $\frac{3}{4000}$.
11. 83711.7 m. = 83.7117 km. = (115020.7 − 31309) m.
12. 257 fr. (.75 m. @ 4 fr. + .625 m. @ 8 fr. + 6 m. @ 12 fr. + 7.08 m. @ 25 fr.).

## Exercise 188. Page 208

1. 12000000 sq. m. 2. 8.35 sq. m.
3. $155163.648. 101.018 ares left. (He had 505.09 ares; he sold .8 of this, or 404.072 ares, @ $384 an are).
4. 12.4575 sq. m. 5. 2.92 sq. m. 6. 1000000 sq. m.
7. 2352.25 sq. m. = (48.5 × 48.5) sq. m.
8. 110.152 sq. m. = (15.68 × 7.025) sq. m.
9. $1055.60. (16.24 m. long and 7.85 m. wide ; No. strips = $\frac{7.85}{.628} = 13$). 10. 28 m. 8 dm. (Area = 43.20 ares = 4320 centares = 4320 sq. m.). 11. 100 m.
12. $4650000 = \frac{2480000 \times 240}{16 \times 8}$.

## Exercise 189. Page 209

1. .00514 cu. m. 2. 8.765345 cu. m.
3. 1219.24940201 cu. m. = 1219249.40201 cu. dm.
4. 175.5 steres. 5. $35.75. (27.5 Hl. = 275 Dl.).
6. 907.2 l. 7. 750 l. 8. $1.008 = 6c. × 2.4 × 7.
9. 809.6 cu. dm. 10. 100 phials.