

Exercise 193. Page 212

1. 6.2137 mi. (10 Km. = 393700 in.; 1 mi. = 63360 in.).
2. \$153.
3. \$64.94 = $\$4\frac{59}{25} \times 36.8$.
4. $61800 = 278100 \div 4\frac{1}{2}$.
5. $27\frac{7}{6}$ cm. (1 l. = 1 c.d.m. = 1000 c.c.).
6. 302400 Kg. (1 c. dm., or 1 l., water weighs 1 Kg.).
7. 38.4 Kg.
8. $1\frac{3}{4}$ times.
9. 1400 nickels.
10. 119.68 cu. m.

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1. Rect. field is 450 m. long and 150 m. wide; $\therefore$ area = 67500 sq. m.; area of sq. field = 62500 sq. m.; $\therefore$ Rect. field = $\frac{27}{25}$ sq. field.
2. 1.2375 acres. (Area = 4950 sq. m. = 49.50 ares = .495 Ha. = $2\frac{1}{2} \times .495$ acres).
3. Circum. = 1166 cm. = 11.66 m. Area = 108146.5 sq. cm. = 10.81465 sq. m.
4. \$125.71 $\frac{3}{4}$.
5. (a) 24700 cu. dm.; (b) 18476.89 m.; (c) 87000 dg.; (d) 8400 sq.m.; (e) 580000 cg.; (f) 490000 sq. cm.
6. 19.68 l.
7. 2.76 l. (1 l. water weighs 1 Kg.).
8. $189\frac{7}{17} = 805 \div 4.25$.
9. 3.9 Kg. = $(50 \times 4 \times 2.5 \times 7.8)$ g.
10. 375 Kg. (1 cu. m. water weighs 1000 Kg.).
11. 337500 Kg.