SHERBORNE SCHOOL.

SUMMER EXAMINATION, 1899.

Arithmetic.

IV B—II.

1. Add together 568841, 7345, 860, 7843217, 14, and 500109.

2. Multiply 37800 by 7950, and divide the result by 630.

3. Take 456*l.* 13*s.* 5¾*d.* from 562*l.* 10*s.* 3½*d.*, and multiply the remainder by 18.

4. Add together $1\frac{1}{2}$, $2\frac{2}{3}$, $7\frac{6}{15}$; take $12\frac{7}{9}$ from $13\frac{7}{24}$.

5. Multiply $\frac{5}{8}\frac{5}{1}$ by $5\frac{2}{5}$; and divide $\frac{3\frac{3}{4}}{60}$ by $\frac{\frac{3}{4}}{\frac{1}{2}\text{ of }\frac{1}{6}}$.

6. Find the value of $7\frac{2}{3}$ of 18*s.* 7½*d.*

7. What fraction of 30 miles is 1 furlong 20 poles?

8. Express in decimals $\frac{1}{16}$, $\frac{7}{55}$: and as a fraction in its lowest terms ·1236, and ·1236.

9. Divide 22·4615 by ·167: and find the value of ·01375 of 1*l.*

10. *A* bought 233 pieces of cloth, each containing 29½ yards at 22½*d.* per yard: what is its value?

11. A man clears 19364*l.* in 21 years: how much at the same rate would he clear in 11 years?

12. If ⅛ of a yacht be worth 36*l.* 10*s.* 7½*d.*, what share will cost 125*l.* 5*s.*?

13. Find the cost of papering the side of a room 14 feet 7 inches by 18 feet 6 inches at 4¾*d.* a square foot.

14. How many hours a day must 171 men work to do in 91 days what it takes 143 men 133 days of 9 hours each to do?

15. Find the amount of 3050*l.* 10*s.* 6*d.* at 5 per cent. for 3¼ years, simple interest.