

5.  $-1\frac{1}{n}$ .

6.  $\frac{n-1}{2}$ .

7.  $5\frac{7}{10}$ ,  $5\frac{2}{10}$ ,  $6\frac{1}{10}$ ,  $6\frac{3}{10}$ .

8.  $d=5$ ,  $n=9$ .

9. 4, or 14.

10. 7.

11. 7, 11, 15, 19, 23.

12. £1 8s. 5 $\frac{1}{2}$ d., £926 11s. 8d.

13. 400 ft., 2704 ft.

14.  $5\frac{1}{2}$ ,  $8\frac{1}{2}$ ; or  $-4\frac{1}{2}$ ,  $-8\frac{1}{2}$ .

15. 11, 85; or  $-9\frac{5}{11}$ ,  $-84\frac{5}{11}$ .

16.  $1+3+5+\dots\dots\dots$

## LXXV.

1.  $2\frac{1}{2}$ ,  $2\frac{1}{2}$ .

2.  $\frac{481}{1586}$ ,  $\frac{8}{21}$ .

3.  $18\frac{1}{2}$ ,  $18\frac{1}{2}$ .

4.  $\frac{1}{10} \frac{2\frac{1}{2}+5\frac{1}{2}}{2\frac{1}{2}+5\frac{1}{2}}$ .

5.  $\frac{2}{\sqrt{2}-1}$ .

6. 6, 18, 54.

7. 1,  $1\frac{1}{2}$ ,  $2\frac{1}{2}$ ,  $3\frac{1}{2}$ ,  $5\frac{1}{2}$ .

8.  $2\frac{1}{2}$ , 5, 10, 20, 40, 80, 160.

9.  $\frac{5}{2} - \frac{1}{2} + \frac{1}{10} - \dots$

10.  $a + \sqrt{a^2 - b^2}$ ,  $a - \sqrt{a^2 - b^2}$ .

11.  $\frac{121}{148}$ .

12.  $\frac{4864}{12875}$ .