

2

$$\textcircled{i} \quad 2n-1$$

$$\text{put } n=5$$

$$2 \times 5 - 1$$

$$= 9$$

$$\text{put } n=10$$

$$= 2 \times 10 - 1$$

$$= 19$$

$$\text{put } n=100$$

$$= 2 \times 100 - 1$$

$$= 200 - 1$$

$$= 199$$

$$2 \textcircled{ii} \quad 3n+2$$

$$\text{put } n=5$$

$$= 3 \times 5 + 2$$

$$= 17$$

$$\text{put } n=10$$

$$= 3 \times 10 + 2$$

$$= 32$$

$$\text{put } n=100$$

$$= 3 \times 100 + 2$$

$$= 302$$

$$2 \textcircled{iii} \quad 4n+1$$

$$\text{put } n=5$$

$$= 4 \times 5 + 1$$

$$= 21$$

$$\text{put } n=10$$

$$= 4 \times 10 + 1$$

$$= 41$$

$$\text{put } n=100$$

$$= 4 \times 100 + 1$$

$$= 401$$

$$2 \textcircled{iv} \quad 7n+20$$

$$\text{put } n=5$$

$$= 7 \times 5 + 20$$

$$= 55$$

$$\text{put } n=10$$

$$= 7 \times 10 + 20$$

$$= 90$$

$$\text{put } n=100$$

$$= 7 \times 100 + 20$$

$$= 700 + 20$$

$$= 720$$