

3 ⑪

1.  $169 - 1 = 168$
2.  $168 - 3 = 165$
3.  $165 - 5 = 160$
4.  $160 - 7 = 153$
5.  $153 - 9 = 144$
6.  $144 - 11 = 133$
7.  $133 - 13 = 120$
8.  $120 - 15 = 105$
9.  $105 - 17 = 88$
10.  $88 - 19 = 69$
11.  $69 - 21 = 48$
12.  $48 - 23 = 25$
13.  $25 - 25 = 0$

$$\sqrt{169} = 13$$

$\therefore 0$  is obtained in 13 steps.