

10

no. of digits

no. of segments

5

$$5n + 2$$

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

$$= 5 \times 5 + 2$$

$$= 27$$

10

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

$$= 5 \times 10 + 2$$

$$= 52$$

100

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

$$= 5 \times 100 + 2$$

$$= 502$$