262. You are given:

- - (i)

(iv)

(v)

At time 4 hours, there are 5 working light bulbs.

The distribution of failure times is uniform on $(0, \omega)$.

The maximum likelihood estimate of ω is 29.

Three light bulbs burn out at times 5, 9, and 13 hours, while the remaining light bulbs

The 5 bulbs are observed for *p* more hours.

are still working at time 4 + p hours.

- (ii) (iii)

- Determine p.
- (A)
- (B)
- (D) (E) At least 16
- (C) At least 12, but less than 14 At least 14, but less than 16

Less than 10

At least 10, but less than 12