(Meiosis)

Q1.(2021)

3×10^{-12} grams

Q2.(2021)

meiosis

Q3.a)(2022)

between 3 and 4 hours

Q3.b)(2022)

5 hours

6 hours

Q3.c)(2022)

2

Q3.d)(2022)

4

Q4.a)(2023)

(A) → E → D → C → B → (F)

Q4.b)(2023)

(start) 16

(end) 8

Q4.c)(2023)

(meiosis) forms gametes

(two gametes) fuse / fertilise

(so) keeps chromosome number constant (from generation to generation)
or
(so) prevents doubling / increase in chromosome number (in each generation)
or
(so) gives normal / correct chromosome number (for embryo / new cell)

Q5.(2023)

random chromosome from each pair (of chromosomes)

moves to one end of the cell
or
goes into each new cell **or** gamete