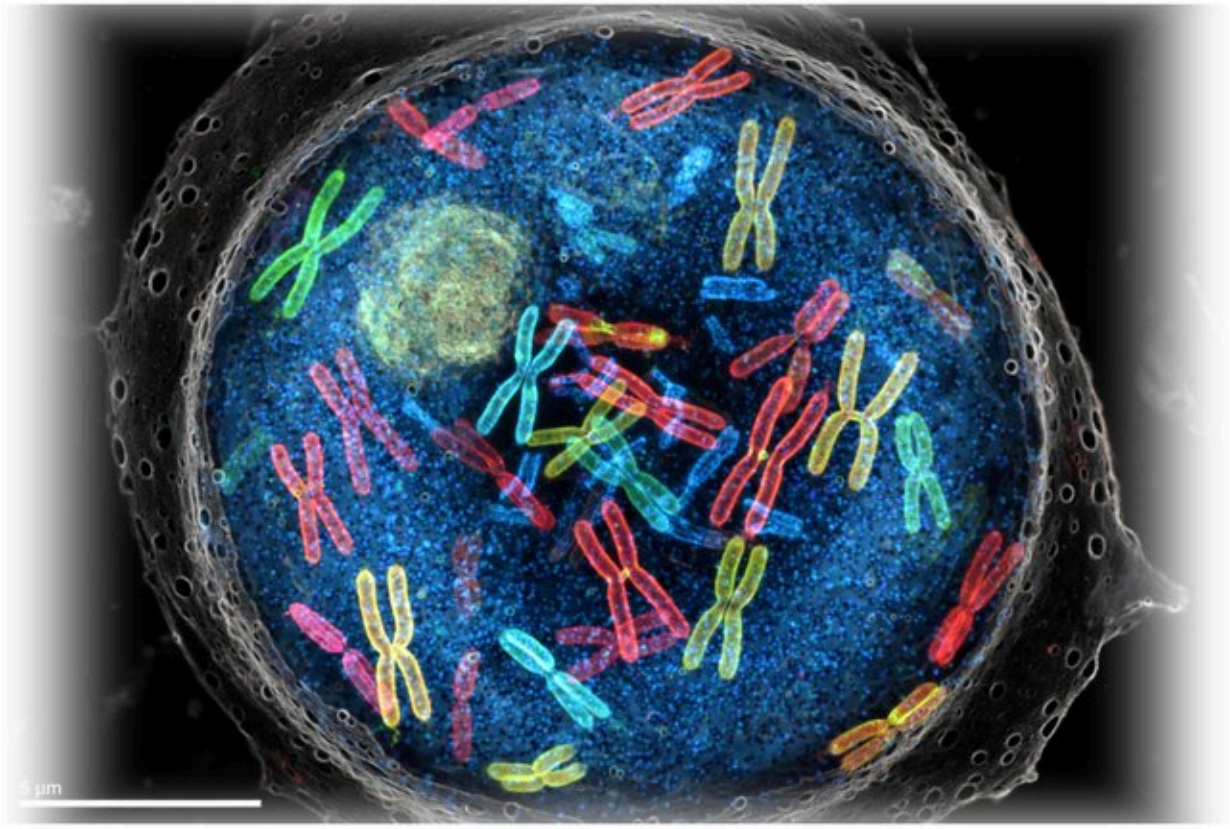
PRINCE EDWARD ISLAND BIOLOGY 12 · UNIT A · 10 QUESTIONS

Cell Division: Mitosis and Meiosis — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A body cell of a species has 36 chromosomes. A gamete of that species has this many chromosomes**



ANSWER

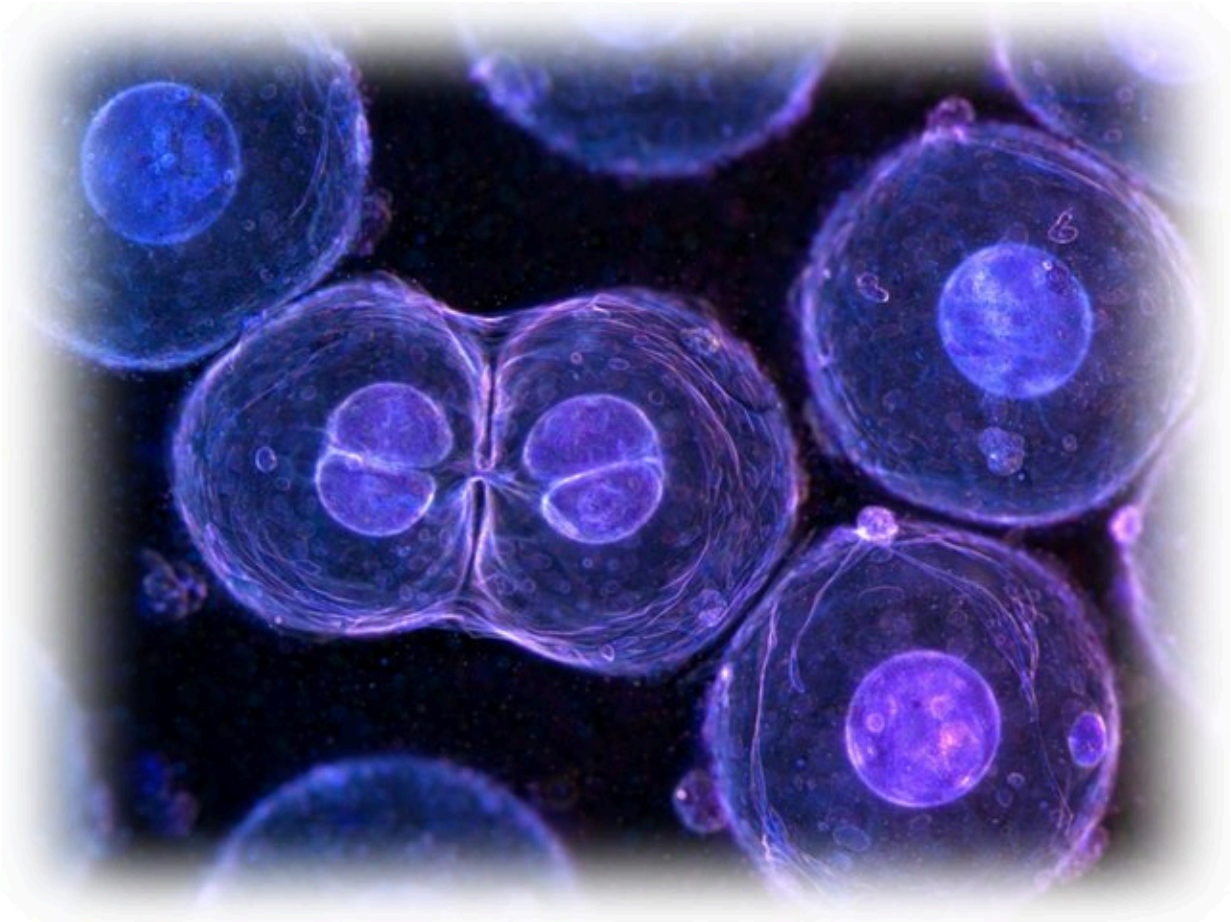
Understand It with Pulse | Flag a mistake

2 **Starting from 4 parent cells, meiosis gives this many gametes**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Starting from 12 cells, one round of mitosis gives this many cells**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The main purpose of mitosis in a multicellular organism is**

A gamete formation

B reducing chromosome number

C crossing over

D growth and repair

Understand It with Pulse | Flag a mistake

5 **Tumour cells differ from normal cells in that they divide**

A without normal controls

B only by meiosis

C only once

D without DNA replication

Understand It with Pulse | Flag a mistake

6 **A body cell of a species has 12 chromosomes. A gamete of that species has this many chromosomes**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Starting from 2 parent cells, meiosis gives this many gametes**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Starting from 10 cells, one round of mitosis gives this many cells**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A body cell of a species has 24 chromosomes. A gamete of that species has this many chromosomes**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Starting from 7 parent cells, meiosis gives this many gametes**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 18
2. 16
3. 24
4. D
5. A
6. 6
7. 8
8. 20
9. 12
10. 28

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