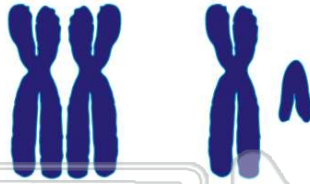




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

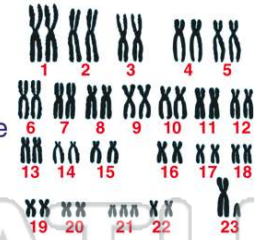
1 Which pair of chromosomes represents a **male**?

- A XX
- B XY
- C YY
- D None



2 Which is an example of a **genetic disorder**?

- A common cold
- B AIDS
- C Down syndrome
- D tendonitis



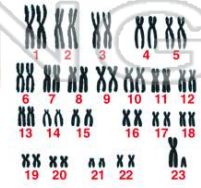
3 How can a doctor diagnose a genetic disorder **before** a child is born?

- A X-ray
- B amniocentesis
- C check-up
- D blood sample



4 What is a **karyotype**?

- A a picture of the actual chromosomes of an organism
- B a list of possible genetic disorders



5



## PREVIEW

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7

- A true
- B false



- B count only the number of chromosomes of a person
- C read the pattern of a person's DNA
- D tally the nitrogen base pairs of a person's DNA

9 What can a **DNA fingerprint** do?

- A discover the height of a person
- B breed identical organisms
- C clone organisms
- D identify a person



10 Which of the following can be used to determine a **DNA fingerprint**?

- A hair
- B blood
- C skin
- D all of these





## ANSWER KEY

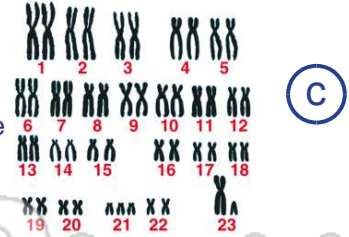
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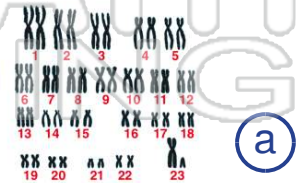
How can a doctor diagnose a genetic disorder **before** a child is born?

- A X-ray
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- C check-up
- D blood sample



What is a **karyotype**?

- A a picture of the actual chromosomes of an organism
- B a list of possible genetic disorders
- C a type of genetic disorder



## PREVIEW

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What can a **DNA fingerprint** do?

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