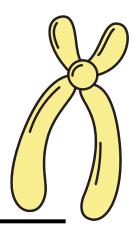
KARYOTYPE WORKSHEETS

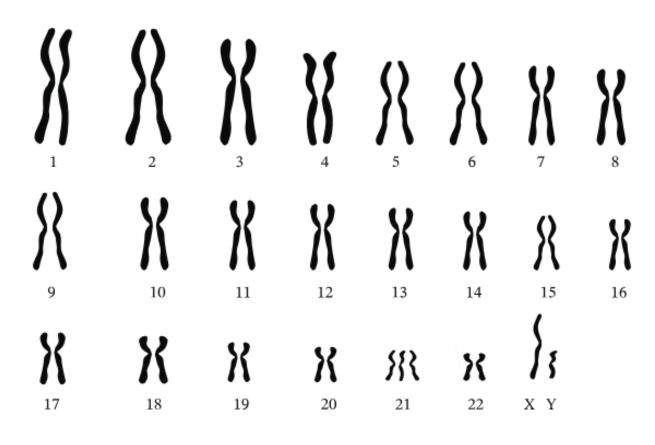


Name :

Date :



Directions: Examine each karyotype, put a circle around the abnormal chromosomes and answer the questions.

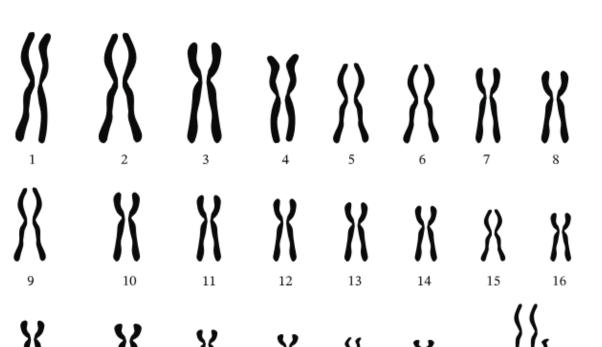


For karyotype A:

1. What is the gender of this person?

2. How many chromosomes does this person have?

3. How would you diagnose this person?

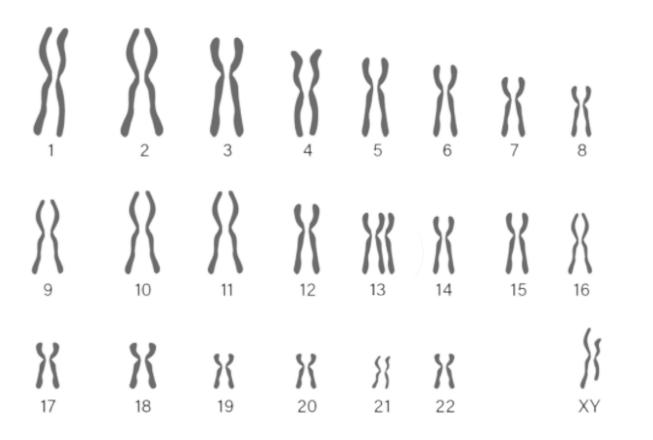


For karyotype B: 1. What is the gender of this person?

2. How many chromosomes does this person have?

3. How would you diagnose this person?



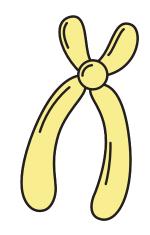


For karyotype C: 1. What is the gender of this person?

2. How many chromosomes does this person have?

3. How would you diagnose this person?





X 14 15 9 12 13 10 16 11 X Х Х Х Х Ň }{ 20 21 22 ΧХ 17 18 19

For karyotype D: 1. What is the gender of this person?

2. How many chromosomes does this person have?

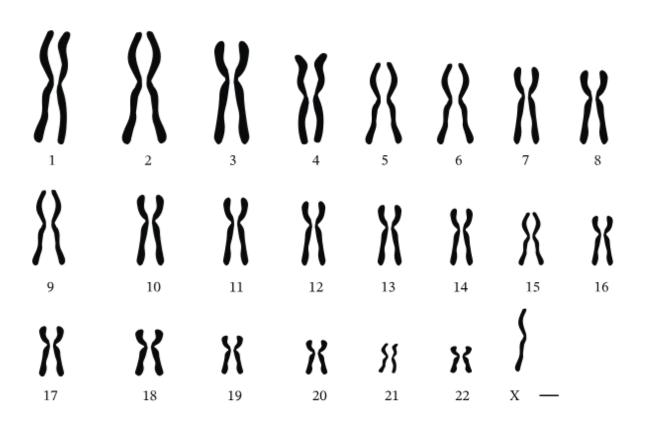
3. How would you diagnose this person?

X Х X X X 8 15 16 10 12 13 14 11 X X X X X 11 R 22 20 21 YΥ 17 18 19

For karyotype E: 1. What is the gender of this person?

2. How many chromosomes does this person have?

3. How would you diagnose this person?



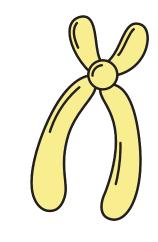
For karyotype F: 1. What is the gender of this person?

2. How many chromosomes does this person have?

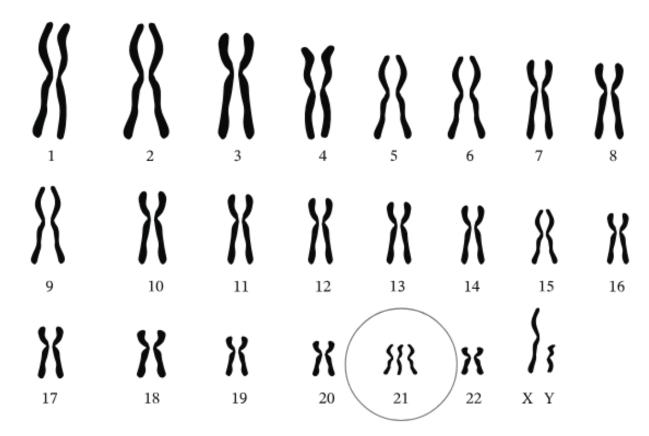
3. How would you diagnose this person?



KEY ANSWER



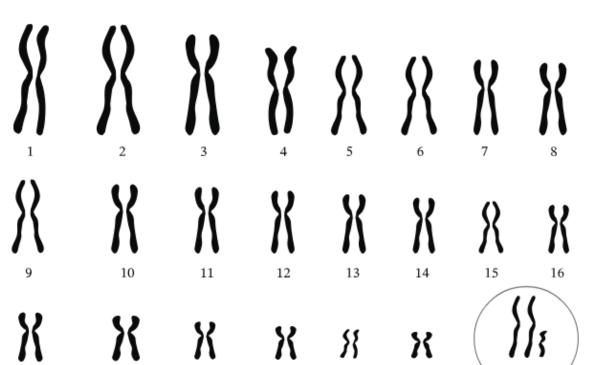
KARYOTYPE WORKSHEETS



For karyotype A: 1. What is the gender of this person? Male

2. How many chromosomes does this person have? 47

3. How would you diagnose this person? Sindrom Down

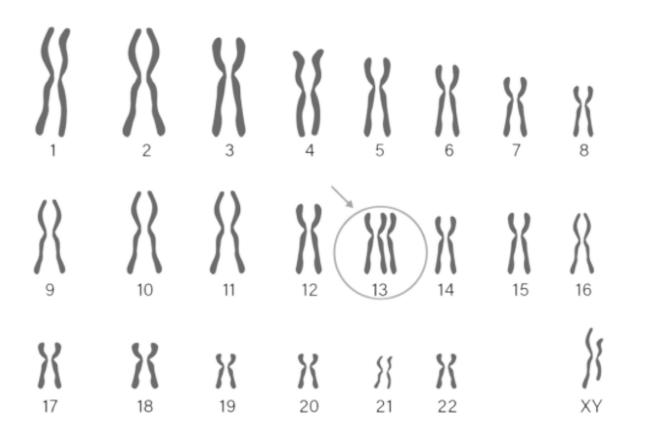


For karyotype B: 1. What is the gender of this Female person?

2. How many chromosomes does this person have? 47

3. How would you diagnose this Sindrom Klinefelter person?



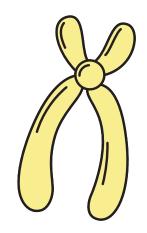


For karyotype C: 1. What is the gender of this person? Male

2. How many chromosomes does this person have? 47

3. How would you diagnose this person? Sindrom Patau





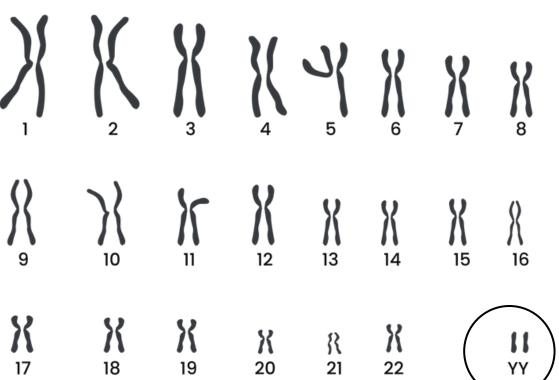
X X 14 15 12 10 11 16 X Х Х Х Х }{ 20 21 22 ΧХ 17 18 19

9

For karyotype D: 1. What is the gender of this person? Female

2. How many chromosomes does this person have? 47

3. How would you diagnose this person? Sindrom Patau

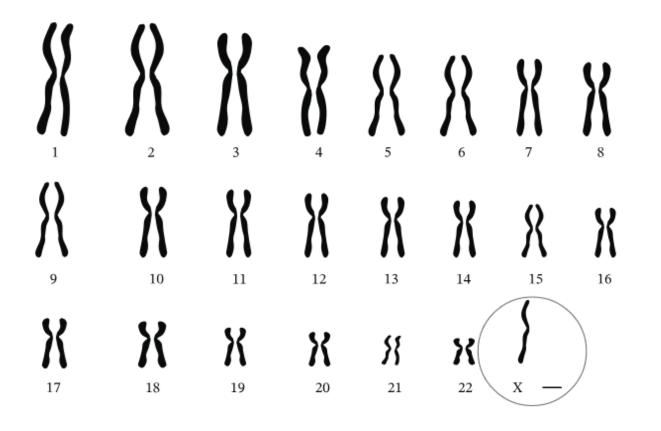


For karyotype E: 1. What is the gender of this person? Male

2. How many chromosomes does this person have? **46**

3. How would you diagnose this person? Sindrom Jacob





For karyotype F: 1. What is the gender of this person? Female

2. How many chromosomes does this person have? **45**

3. How would you diagnose this person? Sindrom Turner

