

Causes of Genetic Disorder

Cause:	Cause:
When it occurs:	When it occurs:
Examples:	Examples:

MONOSOMY:

TRISOMY:

FOLD along this line



Glue this side down into
your ISN using only
4 dots of glue

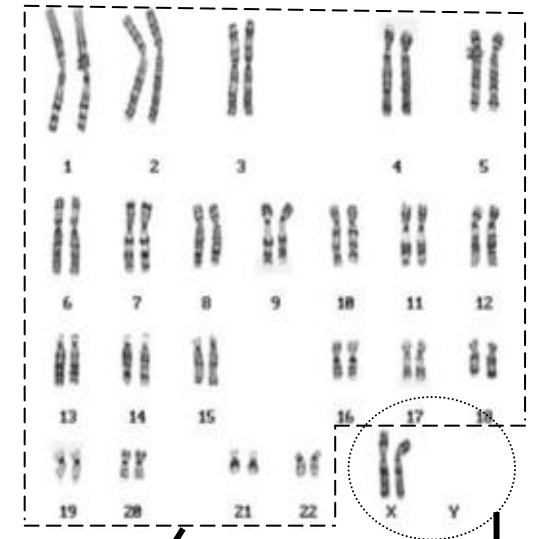
"A dot is a lot!"

FOLD along this line

Unit:

What is a karyotype?

What is the purpose of a karyotype?



AUTOSOMAL
CHROMSOMES:

SEX
CHROMSOMES

Gender::

KARYOTYPING WEBQUEST

1. How many pairs of chromosomes do humans have?

2. How are karyotypes made?

3. What do the bands represent?

4. How do scientists analyze the karyotype?

PATIENT A

of chromosomes: _____ Gender: _____

Extra chromosome? _____ Which one? _____

Diagnosis: _____

Syndrome: _____

Description of syndrome:

PATIENT B

of chromosomes: _____ Gender: _____

Extra chromosome? _____ Which one? _____

Diagnosis: _____

Syndrome: _____

Description of syndrome:

PATIENT C

of chromosomes: _____ Gender: _____

Extra chromosome? _____ Which one? _____

Diagnosis: _____

Syndrome: _____

Description of syndrome: