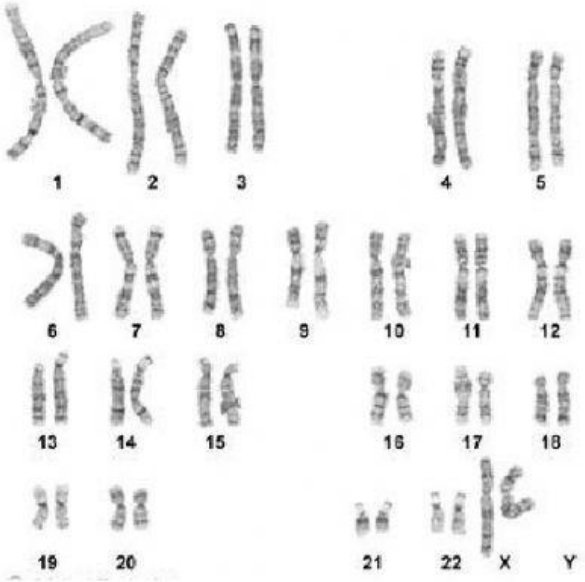
Karyotype Worksheet Name _____

Use the information in the introduction above and the chart below to complete this worksheet. For each karyotype, if the karyotype is abnormal, circle the abnormality. If it is normal, do nothing to the karyotype. For each karyotype, fill in the chart to the right.

Disorder	Chromosomal abnormality	Chromosome Number
Turner syndrome	Monosomy	23
Warkany syndrome	Trisomy	8
Patau syndrome	Trisomy	13
Edward's syndrome	Trisomy	18
Down syndrome	Trisomy	21
Triple X syndrome	Trisomy	23 (XXX)
Klinefelter's syndrome	Trisomy	23(XXY)
XYY syndrome	Trisomy	23 (XYY)
Down syndrome	Translocation	21, 14
Emanuel syndrome	Translocation	22, 11

KARYOTYPE 1



Name of Karyotype	
Number of chromosomes	
Sex of individual	
Normal? Yes or no.	
If abnormal, what abnormality?	
If abnormal, what chromosome pair?	
If abnormal, what syndrome?	

Go to Next page

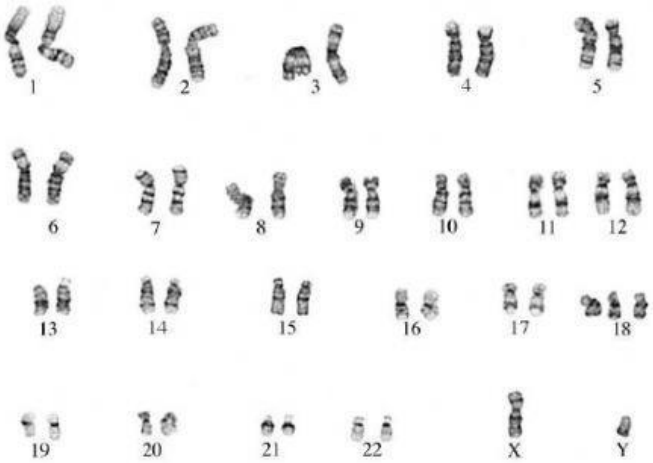
LIVEWORKSHEETS

KARYOTYPE 2



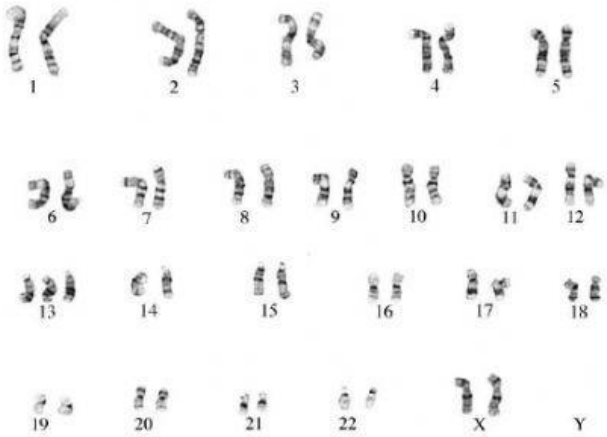
Name of Karyotype	
Number of chromosomes	
Sex of individual	
Normal? Yes or no.	
If abnormal, what abnormality?	
If abnormal, what chromosome pair?	
If abnormal, what syndrome?	

KARYOTYPE 3



Name of Karyotype	
Number of chromosomes	
Sex of individual	
Normal? Yes or no.	
If abnormal, what abnormality?	
If abnormal, what chromosome pair?	
If abnormal, what syndrome?	

KARYOTYPE 4



Name of Karyotype	
Number of chromosomes	
Sex of individual	
Normal? Yes or no.	
If abnormal, what abnormality?	
If abnormal, what chromosome pair?	
If abnormal, what syndrome?	

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