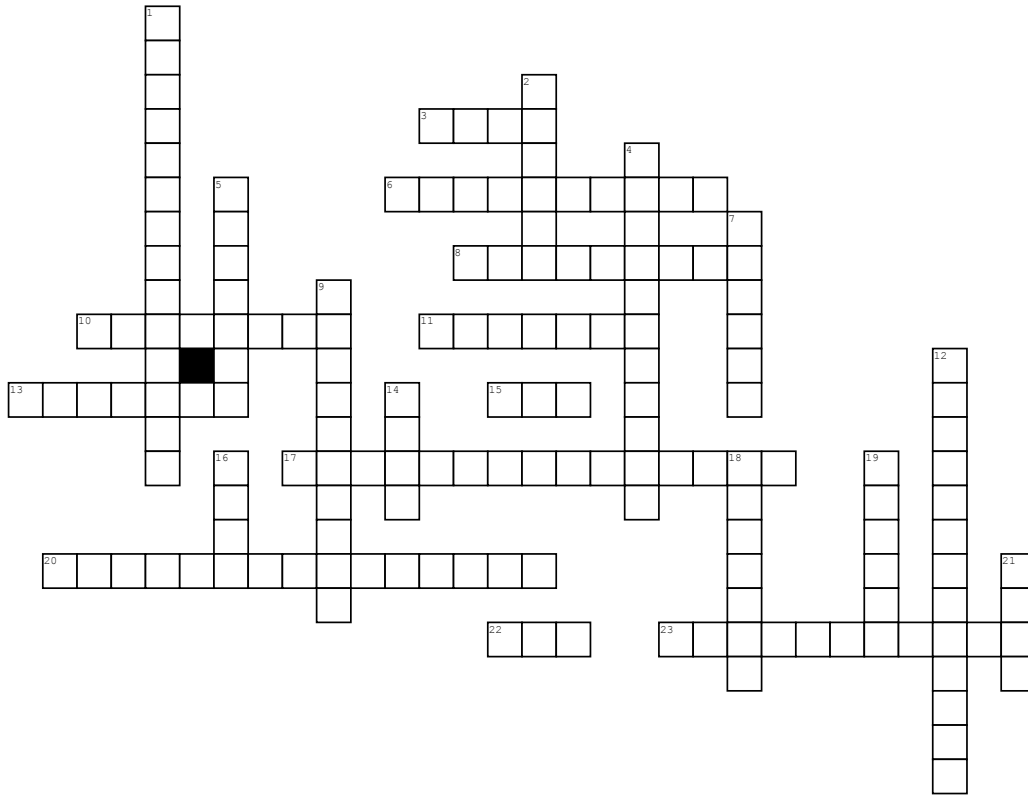


# GENETICS & DEVELOPMENT



## Across

3. Autosomes are  
6. 80% of women receive this type of screening during their pregnancy  
8. How your genetics express themselves  
10. Can be toxic in excessive amounts  
11. Tay - Sachs affects this chromosome  
13. Cell division where four haploid gametes are produced  
15. 1 in \_\_\_\_\_ women are affected by red-green color blindness

## Down

17. PKU  
20. Autoimmune disease that attacks the pancreas  
22. Normal red blood cells typically live for this many days  
23. Chromosomal disorder affecting males when another X is added to XY  
1. Life expectancy is limited to 37 years old  
2. Sex chromosomes  
4. Disease affecting the Basal Ganglia  
5. DNA replication

7. Turner Syndrome affects only this gender  
9. Affects F8 & F9 gene  
12. Fluid test performed around 15-18 weeks  
14. Short segment of DNA  
16. Syndrome where there are 47 chromosomes  
18. Type 2 diabetes is caused by \_\_\_\_\_ resistance  
19. Single cell formed at fertilization  
21. Fragile X gene mutation

## Word Bank

female	klinefelter	amniocentesis	huntingtons
type one diabetes	cystic fibrosis	ultrasound	insulin
Meiosis	tyrosine	gene	phenylketonuria
down	zygote	200	male
mitosis	FMR1	fifteen	hemophilia
phenotype	female	120	