

Important Word Roots

Haploid • Haplo – Meaning Single (n)	Diploid • Diplo – Meaning Double (2n)
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Mitosis • Mitos: Thread • Osis: Actions or stages	Meiosis • Meio: To Lessen • Osis: Actions or stages
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gleesonbiology.pbworks.com

www.yourgenome.org

Mitosis Vs Meiosis

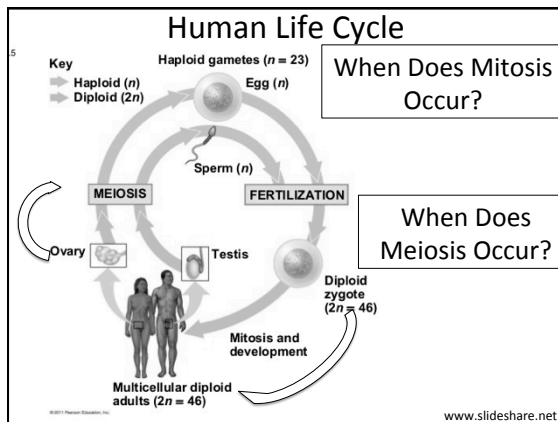
Mitosis <ul style="list-style-type: none"> • Photo copy machine – Purpose: <ol style="list-style-type: none"> 1. Grow 2. Heal 3. Replace old cells – Produces: Body Cells AKA Somatic Germ Cells 	Meiosis <ul style="list-style-type: none"> • ½ in half the genetic material – Purpose: <ul style="list-style-type: none"> • Sexual Reproduction • Diversity of Genes <ul style="list-style-type: none"> – Improved immunity – Produces: Sex Cells AKA Germ Cells
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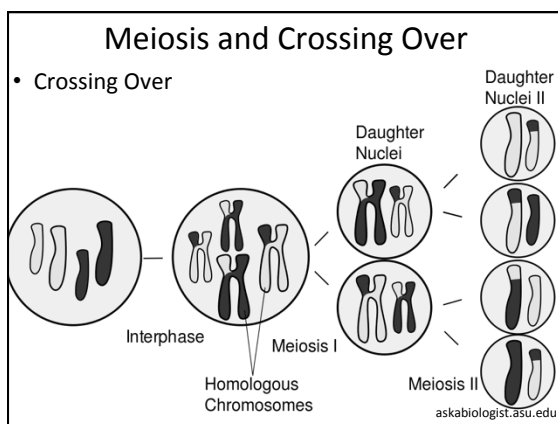
What do they have in common?

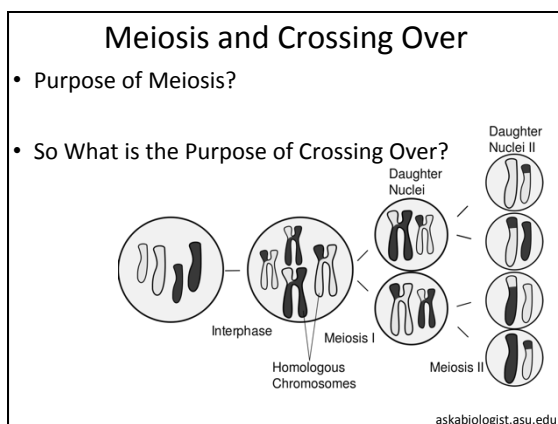
 What is Different?

Mitosis Vs Meiosis

www.premedhq.com

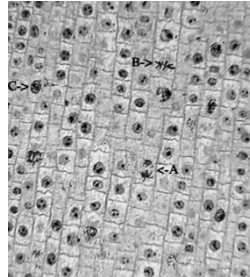






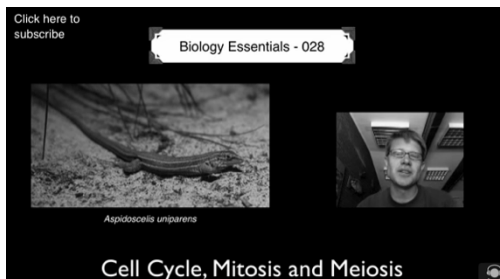
Onion Root Cell

- Why would we look here for Mitosis?
- Why are we not looking for Meiosis?



kids.britannica.com

Mitosis and Meiosis Preview/Review Video



<https://www.youtube.com/watch?v=ZaVnN4RePyl>
