



PHONES & EAR BUDS away Please!

Tues, Nov 14, 2017

Pick up: clicker

Today you will:

- Honors only-POGIL quiz & turn in POGIL
- Comparison Animation
- Pass your Quiz

Homework:

- **DIA Thursday 11/16-ALL missing work is due!!!!**

Mitosis

Parent cell
Diploid



DNA replicates



2 daughter cells



Diploid

Meiosis

Parent cell
Diploid



DNA replicates



2 daughter cells



4 daughter cells



Haploid

Review

Stop Think And Reflect

□ MEIOSIS

1. Results in 4(#) cells w/ $\frac{1}{2}$ the # of Xsomes as orig. cell
2. If a cell entering meiosis has 12 Xsomes, each of the resulting cells will have 6 Xsomes
3. The resulting cells are called Gametes/germ cells (sex cells)
4. The human male sperm with 23 (#) Xosomes & the female egg that also has 23 Xsomes could then join to form a zygote.
5. The human HAPloid # equals 23
6. The resulting human zygote has 46 (#) Xsomes, which is called the diploid number.
7. The PROCESS that forms a zygote is called fertilization

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- [Per. 2](#)
- Scientific Thinking- 522333
- Sexual vs. Asexual Reproduction-235159
- Mitosis & Cell Cycle- 598418
 - Open til Thurs, 11/16 at 9am
 - Take as many times as you'd like

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- **Per. 4**
- Scientific Thinking- 132500
- Sexual vs. Asexual Reproduction-988752
- Mitosis & Cell Cycle- 417184
 - Open til Thurs, 11/16 at 9am
 - Take as many times as you'd like

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- **Per. 5**
- Scientific Thinking- 446361
- Sexual vs. Asexual Reproduction- 546683
- Mitosis & Cell Cycle- 311910
 - Open til Thurs, 11/16 at 9am
 - Take as many times as you'd like

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- **Per. 6**
- Scientific Thinking- 876735
- Sexual vs. Asexual Reproduction- 686711
- Mitosis & Cell Cycle- 856663
 - Open til Thurs, 11/16 at 9am
 - Take as many times as you'd like

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- **Per. 7**
- Scientific Thinking- 141659
- Sexual vs. Asexual Reproduction- 492856
- Mitosis & Cell Cycle- 868695
 - Open til Thurs, 11/16 at 9am
 - Take as many times as you'd like