**Key Points**

1. mitosis is a part of asexual reproduction
2. mitosis produces 2 identical daughter cells
3. during mitosis, DNA is replicated and divided so each cell has an exact copy

**How is DNA bundled for mitosis?**

Chromatid=

Chromosome=

Centromere=

Diploid=

Haploid=

The stages of mitosis:

Interphase

Prophase

Metaphase

Anaphase

Telophase

Cytokinesis

To help you remember this, think you just got a new puppy and he says “**I P**ee on the **MAT C**onstantly”

**Prophase:**

**Metaphase:**

**Anaphase:**

**Telophase:**

**Cytokinesis:**

**What is the difference between an animal and plant cell going through mitosis?**