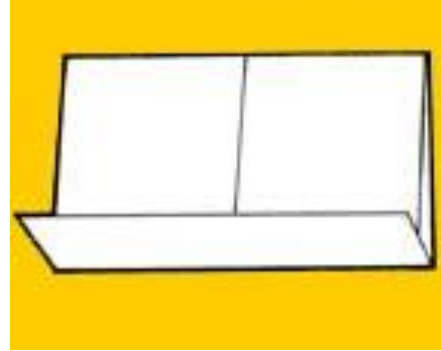


MITOSIS & MEIOSIS FOLDABLE

FOLD DIRECTIONS:

1. Fold a sheet of paper in half horizontally (hamburger) so that one side is one inch longer than the other side.
2. Cut the shorter side in half, up towards the fold (mountain top) to create two flaps.



LABEL FRONT OF FLAPS

1. Label the **LEFT** flap, MITOSIS
2. Label the **RIGHT** flap, MEIOSIS
3. Label the **BOTTOM** flap, CELL DIVISION.

LABEL BACK OF FLAPS

1. On the **LEFT BACK** flap include the following:
 - a. What does mitosis help your body do? (list 2 things)
 - b. What types of cells result from mitosis? (diploid or haploid? identical or unique? 2 or 4?)
 - c. What cells in your body carry out mitosis?
2. On the **RIGHT BACK** flap include the following:
 - a. What does meiosis help your body do? (list 1 thing)
 - b. What types of cells result from meiosis? (diploid or haploid? identical or unique? 2 or 4?)
 - c. Why do cells carry out meiosis?

CENTER UN-CUT SECTION

Copy these two diagrams. Label 1 mitosis and 1 meiosis. Put the proper number of chromosomes in them for a human (ie., 46 for a body cell, 23 for a sex cell). Identify which represents asexual reproduction and which represents sexual reproduction.

