

Name _____ Date _____

CELL DIFFERENTIATION

Answer the questions below.

1) What is meant by cell differentiation?

2) Describe how a cell differentiates!

Match each word below with the correct statement.

1. ____ Process where a generic cell becomes specialized.
2. ____ Process where specialized cells become more basic
3. ____ This is made when sperm fertilizes egg.
4. ____ Found in bone marrow.
5. ____ The controversial kind of stem cell.
6. ____ Cells that can become any kind of cell. 7. Cells that can become several types of cells.
8. ____ Cells which make up the brain.
9. ____ Cells of the skin.
10. ____ Haploid cells used in reproduction.
11. ____ Cells that make up most of the cells of the body.
12. ____ Dedifferentiation is involved in this process. 13. The number of cell types in humans.

- A. Germ cells
- B. Pluripotent
- C. Epidermal
- D. Neurons
- E. 250
- F. Somatic cells
- G. Adult stem cells
- H. Differentiation
- I. Embryonic
- J. Totipotent
- K. Regeneration
- L. Dedifferentiation
- M. Zygote