

Worksheet

10

Mitosis

Basic Concepts

Use with Chapter 8, Section 8.2

1. When and how is the spindle formed?

---

---

---

---

2. In which phase of mitosis are chromosomes lined up on the equator of the spindle?

---

3. In which phase does the nuclear envelope disappear?

---

4. Which phase of the cell cycle follows mitosis?

---

5. Are the cells shown in the transparency those of animals or plants? Explain your answer.

---

---

---

---

6. What is cytokinesis? How does it differ in animal cells and plant cells?

---

---

---

---

---

---

7. Why is mitosis important?

---

---

---

---