Standard: B-2.6	Name:

## Mitosis Worksheet & Diagram Identification

	e-i#-	Cell Cycle	e	
Sis	Spindle ster natids	-	• <b>(</b>	•
Interphase	Prophase	Metaphase	Anaphase	Telophase

1.	Chromosomes move to the middle of the spindle during what phase?	

2.	What are sister chromatids?	When do the separate?	2

3.	During which pha	ase do chromsome:	s first become visible?	1

4. In muclticellular organisms, the cell cycle produces groups of cells that perform the same function. What are these groups of cells called?

Complete the table by checking the correct column for each statement.

Statement	Interphase	Mitosis
5. Cell growth occurs		
6. Nuclear division occurs		
<ol> <li>Chromosomes are distributed equally to daughter cells.</li> </ol>		
8. Protein production is high		
Chromosomes are duplicated		
10. DNA synthesis occurs		
11. Cytoplasm divides immediately after this period		
12. Mitochondria and other organelles are made.		