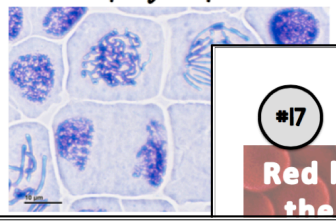
mitosis
task cards

#2 MITOSIS

What type of cells undergo mitosis?

(Be as specific as possible).



#20 CYTOKINESIS

✓Define cytokinesis.

not part of the

sis)?

#17 MITOSIS

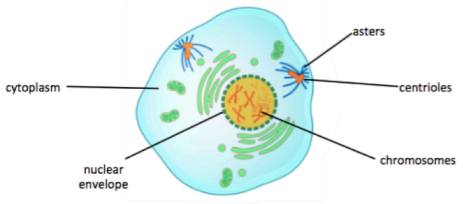
Red blood cells are produced in the bone marrow and do not ain nuclei.

od cells undergo itosis? xplain...

#9 MITOSIS

Labeling

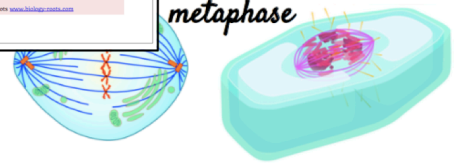
Label the parts of the cell as it prepares for mitosis



OSIS- Metaphase

he cell as it appears in metaphase.

the basic occurrences of metaphase



Name: _____ Date: _____

Mitosis& Cytokinesis Task Cards

1. Mitosis is...

2. MITOSIS OCCURS IN...

3. MY-MY... MITOSIS!
My body and mitosis:

4. **Forms of chromosomes:**

Description	Sketch
Chromatin-	
Sister chromatids-	
Chromatids-	

6. Cells are Dividing, Multiplying.... And here's some more math!

Parent cell has 18 chromosomes.... During mitosis the cell has _____ chromosomes.

Try this: If a parent cell has 33 chromosomes, how many chromosomes does it have during mitosis? _____

Why? _____

7. **The Four Stages of mitosis** (and how I will remember):

1. _____
2. _____
3. _____
4. _____

8. **Essential Vocabulary:**

Structure	What is it...
Centrioles (animal cells only!)	
mitotic spindle	
centromere	

5. Are those sisters identical twins?
Sister chromatids are.... _____ because _____

Mitosis & Cytokinesis

Includes student Recording Sheet

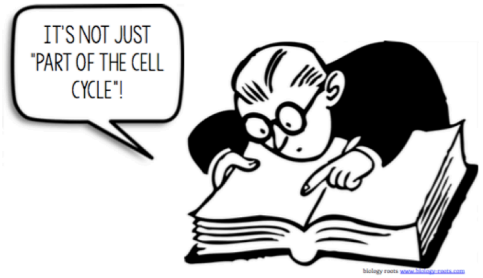
biology roots

21 Task Cards included. Covers mitosis and cytokinesis. Can be used as stations. Both task cards and student answer sheet are editable.

#1

MITOSIS

Define mitosis.

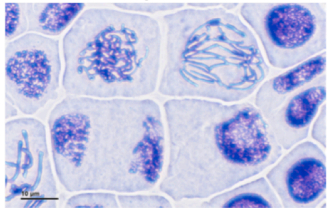


#2

MITOSIS

What type of cells undergo mitosis?

(Be as specific as possible).



#3

MITOSIS

Give some examples of cells that undergoing mitosis in your body right now!



#4

MITOSIS

Distinguish between chromatin, sister chromatids, and individual chromatids.



Sketch each type of chromosomes and write a brief description.

#5

MITOSIS

Sister Chromatids

Are sister chromatids identical?

Why or why not?



#6

MITOSIS

If a parent cell contains 18 romosomes (n) before mitosis, how many chromosomes will it contain during mitosis (2n)?



MITOSIS

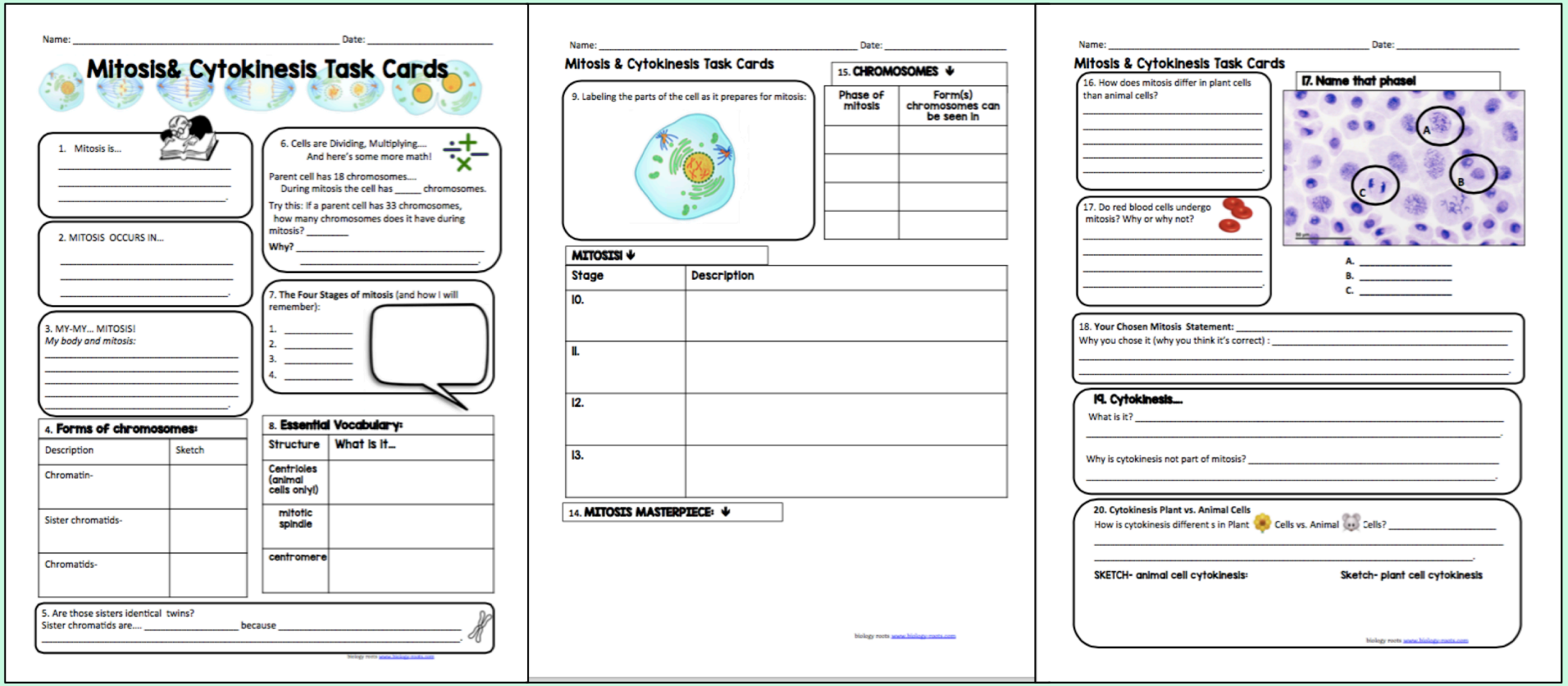
e 4 main phases of mitosis in order and ith a 4 word mnemonic (phrase that will ou remember the order of mitosis.

Example: "Please Make Almond Toast".

Recommended as a study tool or assessment tool.

biology roots

Student answer sheet (as seen below) for easy recording of answers in an organized fashion.



Name: _____ Date: _____

Mitosis& Cytokinesis Task Cards

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My body and mitosis:

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Why? _____

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1. _____
2. _____
3. _____
4. _____

8. **Essential Vocabulary:**

Structure	What is it...
Centrioles (animal cells only!)	
mitotic spindle	
centromere	

Name: _____ Date: _____

Mitosis & Cytokinesis Task Cards

9. Labeling the parts of the cell as it prepares for mitosis:

15. **CHROMOSOMES**

Phase of mitosis	Form(s) chromosomes can be seen in

MITOSIS!

Stage	Description
10.	
11.	
12.	
13.	

14. **MITOSIS MASTERPIECE:**

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Name: _____ Date: _____

Mitosis & Cytokinesis Task Cards

16. How does mitosis differ in plant cells than animal cells?

17. Do red blood cells undergo mitosis? Why or why not?

17. Name that phase!

A. _____
B. _____
C. _____

18. **Your Chosen Mitosis Statement:** _____
Why you chose it (why you think it's correct) : _____

19. Cytokinesis...
What is it? _____
Why is cytokinesis not part of mitosis? _____

20. Cytokinesis Plant vs. Animal Cells
How is cytokinesis different s in Plant Cells vs. Animal Cells? _____

SKETCH- animal cell cytokinesis: **Sketch- plant cell cytokinesis**

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Student answer sheet for organization.

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