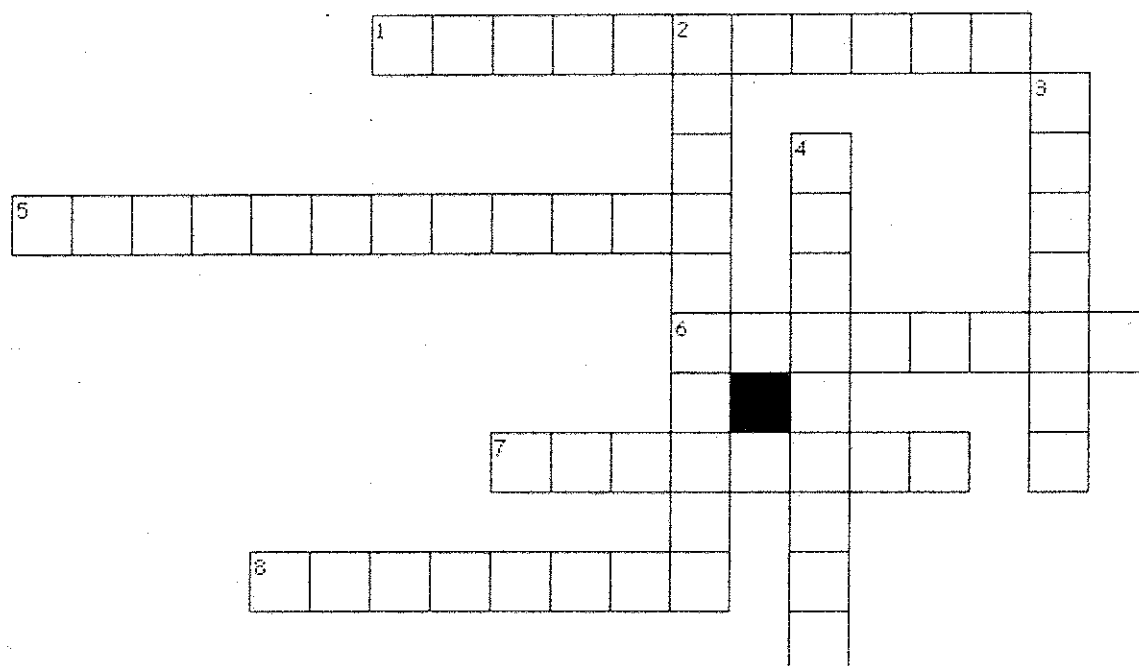


Mitosis Crossword Puzzle



Across

- ☐ 1. IN THIS STAGE THE SPINDLE FIBERS, NOT ATTACHED TO CHROMOSOMES, BEGIN BREAKING DOWN UNTIL ONLY THAT PORTION OF OVERLAP IS LEFT
- ☐ 5. IN THIS STAGE THE NUCLEAR ENVELOPE BREAKS DOWN SO THERE IS NO LONGER A RECOGNIZABLE NUCLEUS
- ☐ 6. FIRST MITOTIC STAGE; THE NUCLEOLUS FADES AND CHROMATIN CONDENSES INTO CHROMOSOMES
- ☐ 7. IN THIS STAGE TENSION APPLIED BY THE SPINDLE FIBERS PLACED ALL CHROMOSOMES IN ONE PLANE AT THE CENTER OF THE CELL
- ☐ 8. IN THIS STAGE THE SPINDLE FIBERS SHORTEN AND THE CHROMOSOMES PULL APART AND BEGIN MOVING TO CELL POLES

Down

- ☐ 2. STAGE WHEN CELLS APPEAR INACTIVE; THE LONGEST PERIOD OF THE COMPLETE CELL CYCLE
- ☐ 3. THE STAGE OF THE CELL CYCLE DURING WHICH THE CELL'S NUCLEUS DIVIDES INTO TWO NEW NUCLEI AND ONE COPY OF THE DNA IS DISTRIBUTED INTO EACH NEW DAUGHTER CELL
- ☐ 4. IN THIS STAGE THE DAUGHTER CHROMOSOMES ARRIVE AT THE POLES AND THE SPINDLE FIBERS, THAT HAVE BEEN PULLED APART, DISAPPEAR

Name _____

Period _____

Date _____

Directions: Please complete this packet for homework. You may use your notes that are given to you, but first try to complete it without them.

Packet Due Date _____

Mitosis Word Search

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Y A H O P U C U M V V D J S P E T L V U K W S A D
G Z N R R I Z A G X R N Z R T S L M O O B O W A M
G M A A O Q I A E U X A O F Z A Q F H G R O U E W
N V K T P G S Z D H R M W P U H G O E S N G S S S
C B H D H H U U F H E Y J Z Z P D E Y W H A R O Z
F C E I A V A P E T Z J N G Z R P D P T H E K A B
C E L L S R D S A L N U X L T E X Q E P B E V D R
V T X A E F T P E T C A B C I T Q R A I F W Q D T
I G U Q G Z H C I T Z U X X E N N T F F I F T V X
M B N B H A D L L H Z K N A B I E L D U F T Z J L
K K E C S J O N U N D H L B I M O H Q H T T K Q U
O L I E R I H S E D Y U A O Z X Z W Y P K L Z N B
O Q S I S E N I K O T Y C W E E G Y O I A A G N X
S K G H J S N K P L E X W Y G M C H C L Y U E S L
T E M W S Y X P Q X H D I M V Q P O H S G A L T W
L U M U E K I T K M F K F D B O T Q N L I P D C V
K Z C O P B I G S H F F E W W P K H E W W F N A B
S T K C S C J N Y H X M M N U O G L P S T P I R E
L K K M C O B I S U Z O W X I V O U Z E A B P F L
J W R S V P M F D T T K U G C C C R Z B H X S E J
E B L M E N B O W M C W A U N C F U A G B L K E D
B I M P Y L F I R T E L O P H A S E S I S O T I M
A L S L Z V U Q N H F A C T Q N R E J S A K X P J
U A Z E N J H J V C C I O Q X M Q A C C Q S C C V
U F Y Z T O R Y T E I O C P T R D M D M D Q M B O
  
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ANAPHASE
CYTOKINESIS
FIBERS
MITOSIS
PROPHASE
TELOPHASE

CELLS
DAUGHTER
INTERPHASE
NUCLEUS
SPINDLE

CHROMOSOMES
DNA
METAPHASE
PROMETAPHASE
STAGE

* Mitosis HW front + back (due next class)