

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ PD: \_\_\_\_\_

**UNIT 3: PLATE TECTONICS**  
**SECTION 3: SEAFLOOR SPREADING NOTES**

<b>THE OCEAN FLOOR</b>	
WHAT WE USED TO THINK	THE OCEAN FLOOR WAS COMPLETELY _____ AND ALL ONE DEPTH
WHEN DID THIS CHANGE	_____ (1939-1945)
WHY DID THIS CHANGE	AMERICAN SHIPS USED _____ OR SOUND WAVES TO FIND SUBS UNDERWATER. IF THEY MISS, THE WAVES _____ OFF THE OCEAN FLOOR AND RETURN. THE MILITARY _____ THE OCEAN _____ AND DETERMINED IT WAS NOT ALL FLAT. THERE WERE _____, _____, AND A FLAT PART CALLED THE _____.
HOW WE SHOW THIS	_____ MAPS ARE USED TO SHOW _____ CHANGES AND _____ OF THE _____ FLOOR AS IF THERE WAS NO WATER IN THE OCEAN.
WHAT ELSE DID WE DISCOVER	_____ ROCK FACES _____ WHEN IT IS _____. SOMETIMES THE ROCKS FACE THE _____ DIRECTION. STARTING AT THE _____ OF THE OCEAN AND MOVING AWAY, ROCKS FLIP DIRECTION AT THE SAME _____ AWAY FROM THE MIDDLE AND FOR THE SAME AMOUNT OF _____ ALL THE WAY UNTIL IT RUNS INTO _____.
WHAT DOES THIS MEAN	THE OCEAN _____ IS _____ APART FROM THE _____ OF THE OCEAN AND GETS PUSHED BACK _____ THE _____ AND INTO THE _____.
FAMOUS/NOT FAMOUS?	SCIENTISTS FINALLY HAVE A _____ FOR CONTINENTAL DRIFT AND CALL THIS _____. SCIENTISTS NOW BELIEVE ALFRED WEGENER AND HE BECOMES FAMOUS EVEN THOUGH HE'S DEAD.

FEATURES OF THE OCEAN FLOOR					
	WHAT IS IT	LOCATION	AGE OF ROCKS	TEMPERATURE OF ROCKS	THICKNESS OF ROCKS
_____ / _____ _____	_____ VOLCANO WHERE _____ FROM MANTLE GOES THROUGH OCEAN	_____ OF OCEAN	_____ ON EARTH	_____	_____
_____ _____	_____ PART OF THE OCEAN	_____ MID OCEAN RIDGES AND DEEP SEA TRENCHES	_____	_____	_____
_____ _____ _____	_____ PART OF CRUST WHERE OCEAN FLOOR IS PUSHED UNDER CONTINENT (_____)	_____ WHERE CONTINENT AND OCEAN MEET	_____	_____	_____ (FROM SEDIMENT)

**WRITE THE CORRECT LETTER FROM THE DIAGRAM BELOW THAT MATCHES THE FOLLOWING TERMS**

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|--------------------------------|----------------------------|
| 1. _____ : CONVECTION CURRENTS | 5. _____ : MID-OCEAN RIDGE |
| 2. _____ : ABYSSAL PLAIN       | 6. _____ : SUBDUCTION      |
| 3. _____ : DEEP SEA TRENCH     | 7. _____ : MANTLE          |
| 4. _____ : VOLCANOES           |                            |

