Name:	_Period:Date:
Ms. Randall Anatomy & Physiology Adaptive Immune Response Worksheet	
Match the term in the second column with the desc	cription in the first that fits best.
1. type of immune response that is specific for s	pecific a. macrophage
pathogens 2. cell death	b. acquired or adaptive
3. protein molecule that attaches to antigen	c. receptor
4. cell that ingests foreign cells	d. autoimmune disease
5. cell that matures in the thymus	e. antibody
6. makes it possible to quickly attack a pathoger immune cells have already "seen"	your f. T cell
7. antibody producing cell	g. B cell
8. occurs when lymphocytes attack "self"	h. memory cell
9. surface marker on cell	i. apoptosis
10. Before T cells are released to do their jobs, they mevents in the order in which they would occur by num  T cells migrate to the thymus	nust go through a selection process. Place the following bering them 1-5.
T cells that don't recognize "self" pro	otein are destroyed
T cells are produced in the bone mar	row
mature T cells migrate to the lymph	nodes and spleen
T cells that bind too tightly to self pr	otein are destroyed
Which type of T cell does what?	
11. helper T cell a	. turns off the immune response
12. cytotoxic T cell b	. kills virus-infected cells
13. suppressor T cell c	. starts the immune response

y a pathoger	elots of different B cells, each capable of producing a different antibody. When you are infected in, a particular type of B cell makes the right antibody for that pathogen. The events below occur election process. Put them in the order in which they occur by numbering them 1 to 3.
	B cells are produced in the bone marrow
	the activated B cell divides and produces plasma cells, which make large amounts of one antibody
	_ the pathogen "locks on" to the receptor on a B cell and activates the B cell
16. Why are i	memory B cells important?