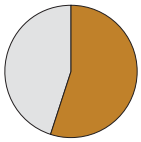
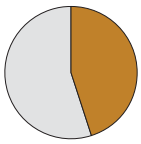
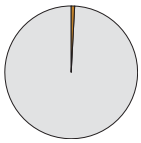
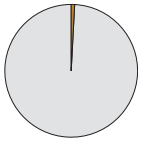
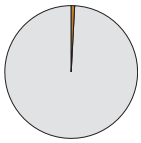
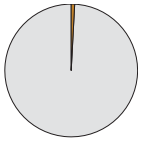
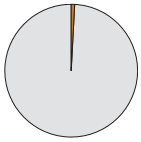
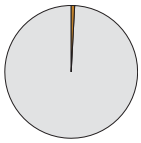
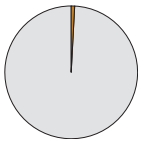
Products Derived From Whole Blood

PRODUCT	WHAT PERCENTAGE OF WHOLE BLOOD IS IT?[#]	WHAT IS ITS MAIN FUNCTION?	WHAT IS ITS ORIGIN?
Plasma COMPONENT	 **ABOUT 55%**	Transports cells, nutrients, and wastes.	The liquid part of blood containing proteins that are mainly produced in the liver. About 92% of plasma is water.
Red Blood Cells COMPONENT	 **ABOUT 45%**	Transport oxygen to body tissues.	Produced in the bone marrow.
Albumin FRACTION	 **ABOUT 2%**	Helps keep fluid inside blood vessels. Transports important substances.	Produced in the liver. It is a plasma fraction.
Immunoglobulins FRACTION	 **ABOUT 1%**	Help fight infections.	Produced by immune cells in lymph nodes, spleen, and bone marrow. They are plasma fractions.
White Blood Cells COMPONENT	 **LESS THAN 1%**	Help fight infections.	Produced in the bone marrow.
Platelets COMPONENT	 **LESS THAN 1%**	Help blood to clot properly.	Produced in the bone marrow.
Clotting Factors FRACTION	 **LESS THAN 1%**	Help blood to clot properly.	They are plasma fractions. Some clotting factors can be manufactured without blood products.
Prothrombin Complex Concentrate (PCC)* FRACTION	 **LESS THAN 1%**	Helps blood to clot properly.	It is a plasma fraction.
Fibrinogen FRACTION	 **LESS THAN 1%**	Helps blood to clot properly.	It is a plasma fraction.
Cryoprecipitate* FRACTION	 **LESS THAN 1%**	Helps blood to clot properly.	It is a plasma fraction.
ADDITIONAL QUESTIONS:	**What are the risks involved?**		
	What other factors would you consider before making a decision?		

[#] Whole blood is made up of about 80% water

* Does not naturally occur in blood in this form; therefore, the percentages are approximate