a.	a positive regulator of glycosis potent anit-cancer agent an antibiotic
a. b.	
a. b. c. d.	is considered a nonfermentable sugar because: it can't be fermented by biological enzymes it produces too much NADH to be efficient it does not generate any ATP it cannot be oxidized it can only be converted into substrates of the citric acid cycle
a. b. c. d.	ost reactions of glycolysis are easily reversible, reactions are irreversible, and drive the pathway forward. 2 and 4 1, 3, and 10 7, 8, and 9 1, 5, and 7 3, 8, and 10
30. Phosphoglucoisomerase (=phosphohexoisomerase) catalyzes the second reaction in glycolysis. Diagram the reaction in the Glycolytic pathway. Be sure to show all atoms of substrate(s) and product(s).	