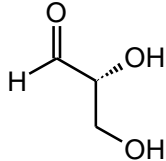
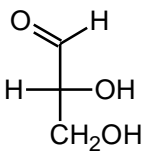
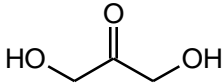
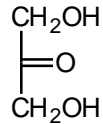
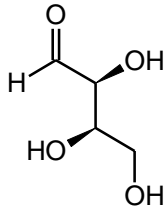
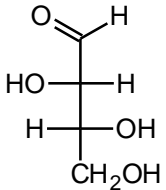
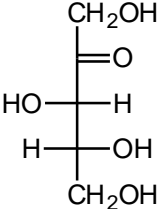
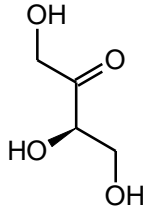
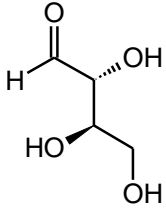
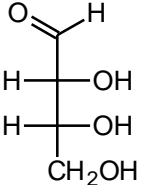


Common Monosaccharides

Trioses

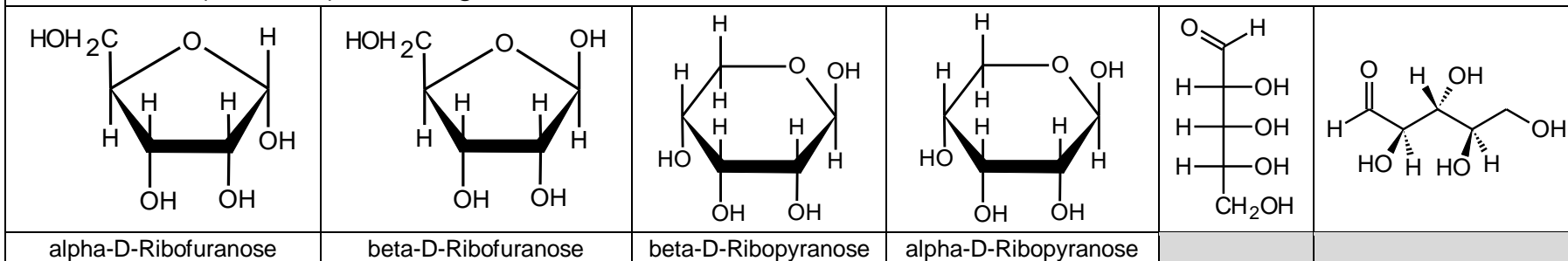
			
D-glyceraldehyde, C ₃ H ₆ O ₃ , 90.08 g/mol		Dihydroxyacetone, C ₃ H ₆ O ₃ , 90.08 g/mol	

Tetroses

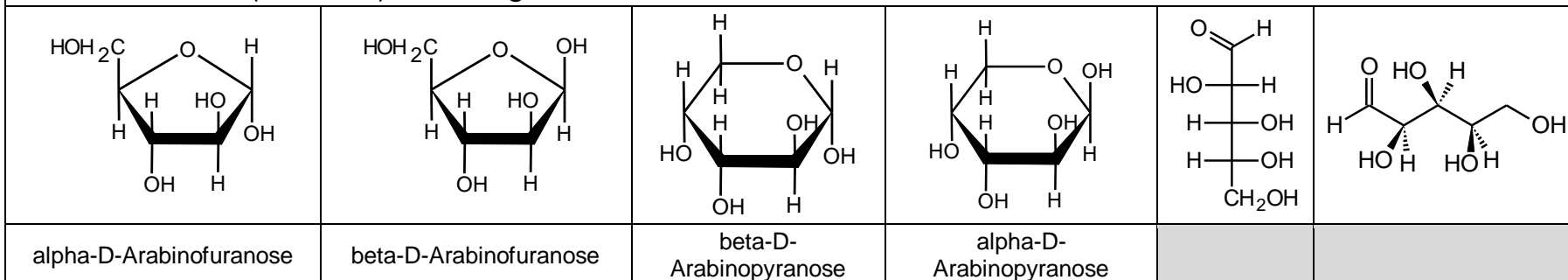
					
D-Threose, C ₄ H ₈ O ₄ , 120.10 g/mol		D-Erythrulose, C ₄ H ₈ O ₄ , 120.10 g/mol		D-Erythrose, C ₄ H ₈ O ₄ , 120.10 g/mol	

Pentoses

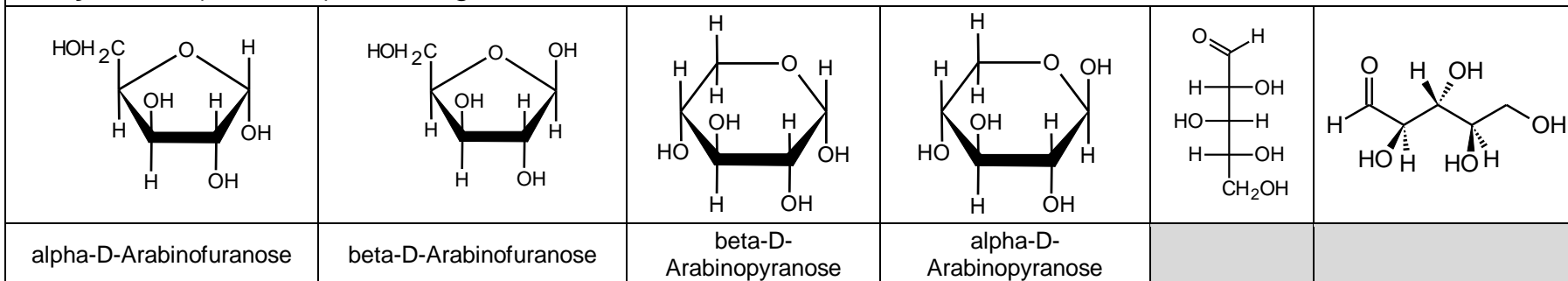
D-Ribose – (C₅H₁₀O₅) 150.13 g/mol



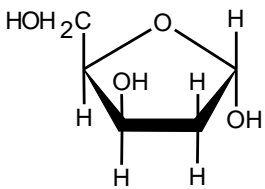
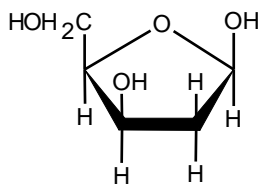
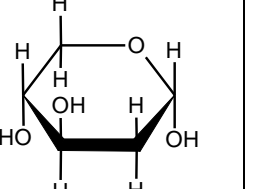
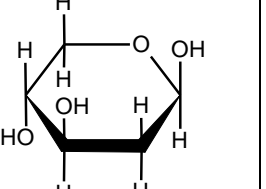
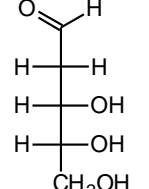
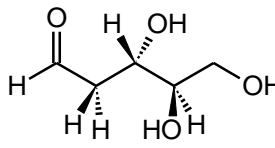
D-Arabinose – (C₅H₁₀O₅) 150.13 g/mol



D-Xylose – (C₅H₁₀O₅) 150.13 g/mol



D-Deoxyribose – (C₅H₁₀O₄) 134.13 g/mol

					
alpha-D-Deoxyribofuranose	beta-D-Deoxyribofuranose	alpha-D-Deoxyribosepyranose	beta-D-Deoxyribosepyranose		

D-Ribulose – (C₅H₁₀O₅) 150.13 g/mol

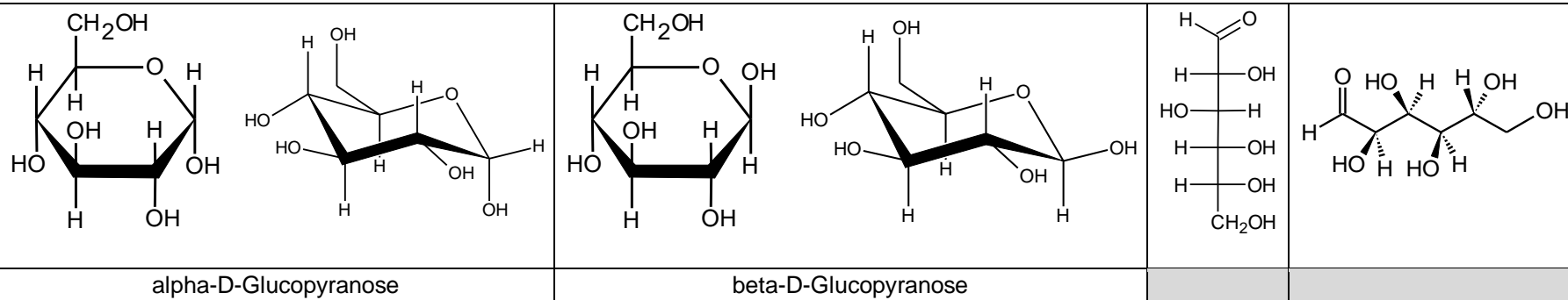
		-	-		
alpha-D-Ribulofuranose	beta-D-Ribulofuranose	-	-		

D-Xylulose – (C₅H₁₀O₅) 150.13 g/mol

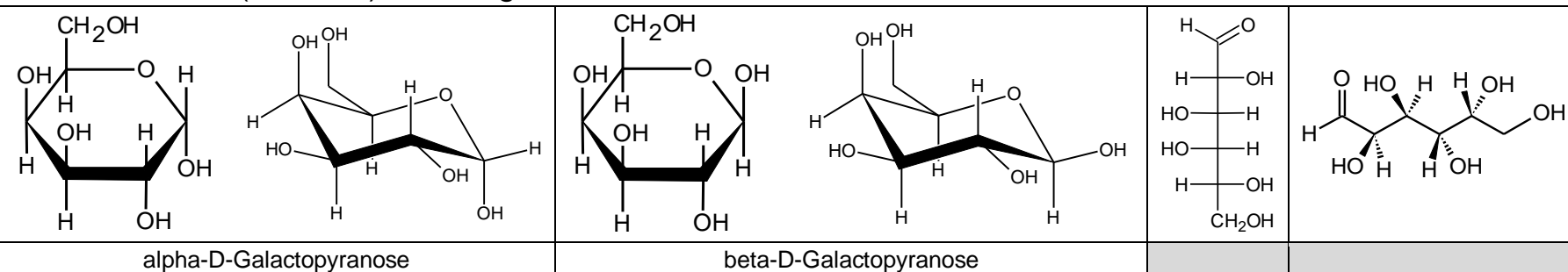
		-	-		
alpha-D-Xylulosefuranose	beta-D-Xylulosefuranose	-	-		

Hexoses

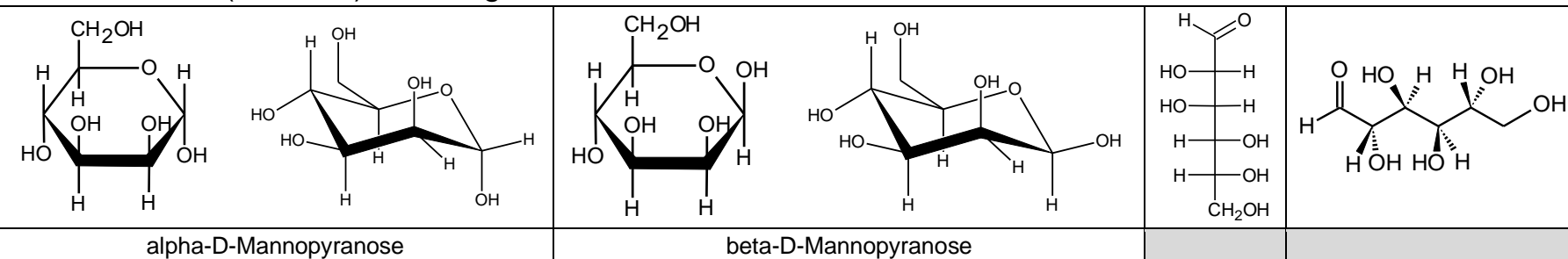
D-Glucose – (C₆H₁₂O₆) 180.16 g/mol

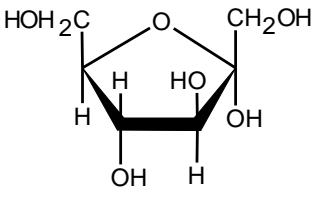
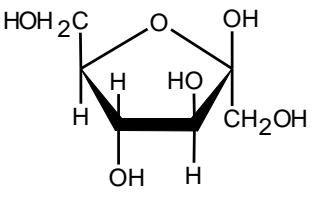
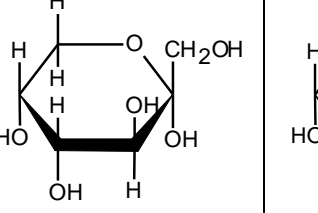
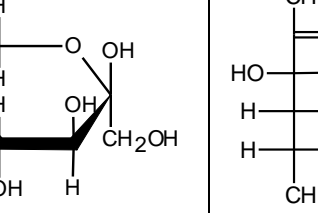
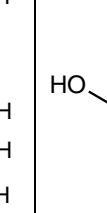
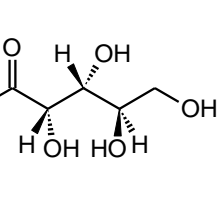


D-Galactose – (C₆H₁₂O₆) 180.16 g/mol



D-Mannose – (C₆H₁₂O₆) 180.16 g/mol



D-Fructose – (C₅H₁₀O₅) 150.13 g/mol					
					
alpha-D-Fructofuranose	beta-D-Fructofuranose	alpha-D-Fructopyranose	beta-D-Fructopyranose		

References: The structures were drawn with: ACD/ChemSketch, version 2015.2.5, Advanced Chemistry Development, Inc., Toronto, ON, Canada, www.acdlabs.com, 2015.