

51. Solution: D

The following table summarizes what is required by the liabilities and what is provided by one unit of each of Bonds I and II.

	In 6 months	In one year
Liabilities require:	\$1,000	\$1,000
One unit of Bond I provides:	\$1,040	
One unit of Bond II provides:	\$ 25	\$1,025

Thus, to match the liability cash flow required in one year,  $(1/1.025) = .97561$  units of Bond II are required.

$.97561$  units of Bond II provide  $(.97561 * 25) = 24.39$  in 6 months. Thus,  $(1000 - 24.39) / 1040 = .93809$  units of Bond I are required.

Note: Checking answer choices is another approach but takes longer!