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# TAXAS DE JUROS

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# TAXAS EQUIVALENTES

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## TAXAS EQUIVALENTES:

São taxas de juros com unidades de tempo diferentes que, aplicadas ao mesmo capital durante o mesmo período de tempo, produzem o mesmo montante no regime de juros compostos.

## EXEMPLOS:

a) 4% ao mês é equivalente a \_\_\_\_\_ ao semestre.

## EXEMPLOS:

b) 34% ao ano é equivalente a \_\_\_\_\_ ao bimestre.

## TABELAS UTILIZÁVEIS NA SOLUÇÃO DOS PROBLEMAS DE MATEMÁTICA FINANCEIRA

TABELA I FATOR DE ACUMULAÇÃO DE CAPITAL -  $a_n = (1 + i)^n$

n/i	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	12%	15%	18%
1	1,010000	1,020000	1,030000	1,040000	1,050000	1,060000	1,070000	1,080000	1,090000	1,100000	1,120000	1,150000	1,180000
2	1,020100	1,040400	1,060900	1,081600	1,102500	1,123600	1,144900	1,166400	1,188100	1,210000	1,254400	1,322500	1,392400
3	1,030301	1,061208	1,092727	1,124864	1,157625	1,191016	1,225043	1,259712	1,295029	1,331000	1,404928	1,520875	1,643032
4	1,040604	1,082432	1,125508	1,169858	1,215506	1,262476	1,310796	1,360488	1,411581	1,464100	1,573519	1,749006	1,938777
5	1,051010	1,104081	1,159274	1,216652	1,276281	1,338225	1,402552	1,469329	1,538624	1,610510	1,762341	2,011357	2,287758
6	1,061520	1,126162	1,194052	1,265319	1,340095	1,418519	1,500730	1,586874	1,677100	1,771561	1,975822	2,313061	2,699554
7	1,072135	1,148685	1,229873	1,315931	1,407100	1,503630	1,605781	1,713824	1,828039	1,948717	2,210681	2,660020	3,185474
8	1,082856	1,171639	1,266770	1,368369	1,477455	1,593848	1,718186	1,850930	1,992562	2,143588	2,473963	3,039023	3,738839
9	1,093685	1,195092	1,304773	1,423311	1,551328	1,689478	1,838459	1,999004	2,171893	2,357947	2,773078	3,517876	4,435454
10	1,104622	1,218994	1,343916	1,480244	1,628894	1,790847	1,967151	2,158925	2,367363	2,593742	3,105848	4,045558	5,233835
11	1,115668	1,243374	1,384233	1,539454	1,710339	1,898298	2,104852	2,331639	2,580426	2,853116	3,478549	4,652391	6,175926
12	1,126825	1,268242	1,425760	1,601032	1,795856	2,012196	2,252191	2,518170	2,812665	3,138428	3,895975	5,350250	7,287592
13	1,138093	1,293606	1,468533	1,665073	1,885649	2,132928	2,409845	2,719623	3,065804	3,452271	4,363493	6,152787	8,599359
14	1,149474	1,319479	1,512589	1,731676	1,979931	2,260903	2,578534	2,937193	3,341727	3,797498	4,887112	7,075706	10,147244
15	1,160969	1,345868	1,557967	1,800943	2,078928	2,396558	2,759031	3,172169	3,642482	4,177248	5,473565	8,137061	11,973748
16	1,172578	1,372786	1,604706	1,872981	2,182874	2,540351	2,952164	3,425942	3,970306	4,594972	6,130393	9,357621	14,129022
17	1,184304	1,400241	1,652847	1,947900	2,292018	2,692772	3,158815	3,700018	4,327633	5,054470	6,866040	10,761264	16,672246
18	1,196147	1,428246	1,702433	2,025816	2,406619	2,854339	3,379932	3,996019	4,717120	5,559917	7,689966	12,375453	19,673251





# OBRIGADO

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