

# BMTH010 Test 2 Formula Sheet

## Chapter 3: Percentages, Percent Changes, and Applications

### NOTATION

$P$  = Portion, Part

$B$  = Base

$R$  = Rate

$\%C$  = Percent Change

$V_i$  = Initial Value

$V_f$  = Final Value

### FORMULAS

$$P = R \times B$$

$$\%C = \frac{(V_f - V_i)}{V_i} \times 100$$

$$\text{Property tax} = \text{Assessed value of the property} \times \text{Tax Rate}$$

### Currency Cross-Rate Table

(One unit of)

Common currencies and their symbols	
Canadian dollar:	C\$
US dollar:	US\$
Euro:	€
British pound:	£
Japanese yen:	¥
Swiss franc:	CHF
Australian dollar:	A\$

Symbol	C\$	US\$	€	£	¥	CHF	A\$
C\$	1.0000	1.1115	1.5198	1.8431	0.010838	1.2401	0.9712
US\$	0.8996	1.0000	1.3673	1.6584	0.009750	1.1153	0.8739
€	0.6579	0.7313	1.0000	1.2128	0.007130	0.8158	0.6391
£	0.5425	0.6029	0.8244	1.0000	0.00587	0.6726	0.5270
¥	92.2677	102.5570	140.239	170.099	1.0000	114.452	89.6563
CHF	0.8063	0.8965	1.2257	1.4865	0.008737	1.0000	0.7832
A\$	1.0295	1.1442	1.5645	1.8974	0.011153	1.2766	1.0000

(Equivalent to)