

# STATION F (By hand)

1. Complete the table.

Annual Interest Rate (%)	Number of Years	Compounding Period (in words)	$n$	$i$ (approx. to 4 decimal places)
4.0%	7	monthly		
	18		72	0.0035
8.5%		semi-monthly	36	

2. Elizabeth borrows \$2800 for 12 years at a fixed rate of simple interest. At the end of that time, she owes \$8000. What interest rate is she being charged?

# STATION I (By hand)

1. Karsh has \$5000 to invest now. He is hoping to find an investment that would allow him to have \$16 000 in 10 years. At what annual rate, compounded semi-annually, will he need to invest at in order to achieve his goal?

# STATION N<sub>1</sub> (By hand)

Kelsey invests \$1800 into an account paying 5.3%/a compounded bi-weekly for 2 years. At the end of two years, she will re-invest her money, plus an additional amount, into a second investment that pays 8.2%/a compounded monthly for 4 more years. If she wants to have \$9500 at the end of the 6 years of investing, how much will she need to add to her investment at the end of 2 years?