

# FC-200V

## **Worksheet**



QUESTIONS	
1	Calculate the difference between investment proposals
2	Calculating the difference between investment options
3	Determining Growth Rate
4	Capital Budgeting Decisions

Clear the calculator's memory before starting a calculation



#### **QUESTIONS**

1. Calculate the difference between the following investment proposals:



Subtract the FV of B from the FV of A.		
To include the contents of a variable in a calculation use and the variable		
COMP ALPHA CNVR — ALPHA COST EXE		
A-B		
1998.881216		

### The difference between the two investment proposals is R1 998,88.



Clear the calculator's memory before starting a calculation
 ON SHIFT 9 EXE EXE AC

**2.** What is the difference between R2 000 invested at 10% p.a. compound interest for 5 years, if:



The difference between the two investment options is R36,77.



- Clear the calculator's memory before starting a calculation
  ON SHIFT 9 EXE EXE AC
- 3. What is the Growth Rate of the following stream of cash flows?
  - 2011: R1,60 2010: R1,38 2009: R1,32 2008: R1,25 2007: R1,20



The Growth Rate is 7,46%

Clear the calculator's memory before starting a calculation
 ON SHFT 9 EXE EXE AC

#### 4. Capital Budgeting Decisions

Net present value (NPV) Internal rate of return (IRR)

Initial investment	Project A	Project B
	-R84 000	-R90 000
Year	Net cash inflow (R)	Net cash inflow (R)
1	28 000	56 000
2	28 000	24 000
3	28 000	20 000
4	28 000	20 000
5	28 000	20 000

Cost of capital 15%



