



NON CALCULATOR

Section A

Increase the following amounts by...	10%	25%	1%
\$20			
\$16			
\$32			
\$60			
\$400			
\$2700			
\$18,500			

Decrease the following amounts by...	50%	20%	2.5%
\$30			
\$14			
\$22			
\$70			
\$800			
\$3400			
\$26,200			

Section B

- 1) An MP3 player that costs \$30 is on sale for 15% off. What is the **new price** of the MP3 player?
- 2) The value of a house that costs \$145,000 increases by 10%. What is the **new price** of the house?
- 3) The population of a small village was 900 in 2001. It has increased by 12%. What is the population now?
- 4) A car dealer bought a car for \$7500 and sold it to make a 30% profit. For how much did he sell the car?
- 5) In 2005 a merchant decided to buy new items for his shop. The merchant bought a glass door and a new counter.
The glass door cost \$1500 **excluding** sales tax.
The new counter cost \$120 **including** sales tax.
 - a. The sales tax in 2005 was 6.25%. How much **in total** did the shopkeeper spend on new items in 2005?
 - b. How **much more** would the shopkeeper have spent if he purchased the new items after sales tax increased to 7% ?