

ACTIVITY 17 - GAS BILL

My gas bill increased this year by 20% to £2400.

What was it last year?

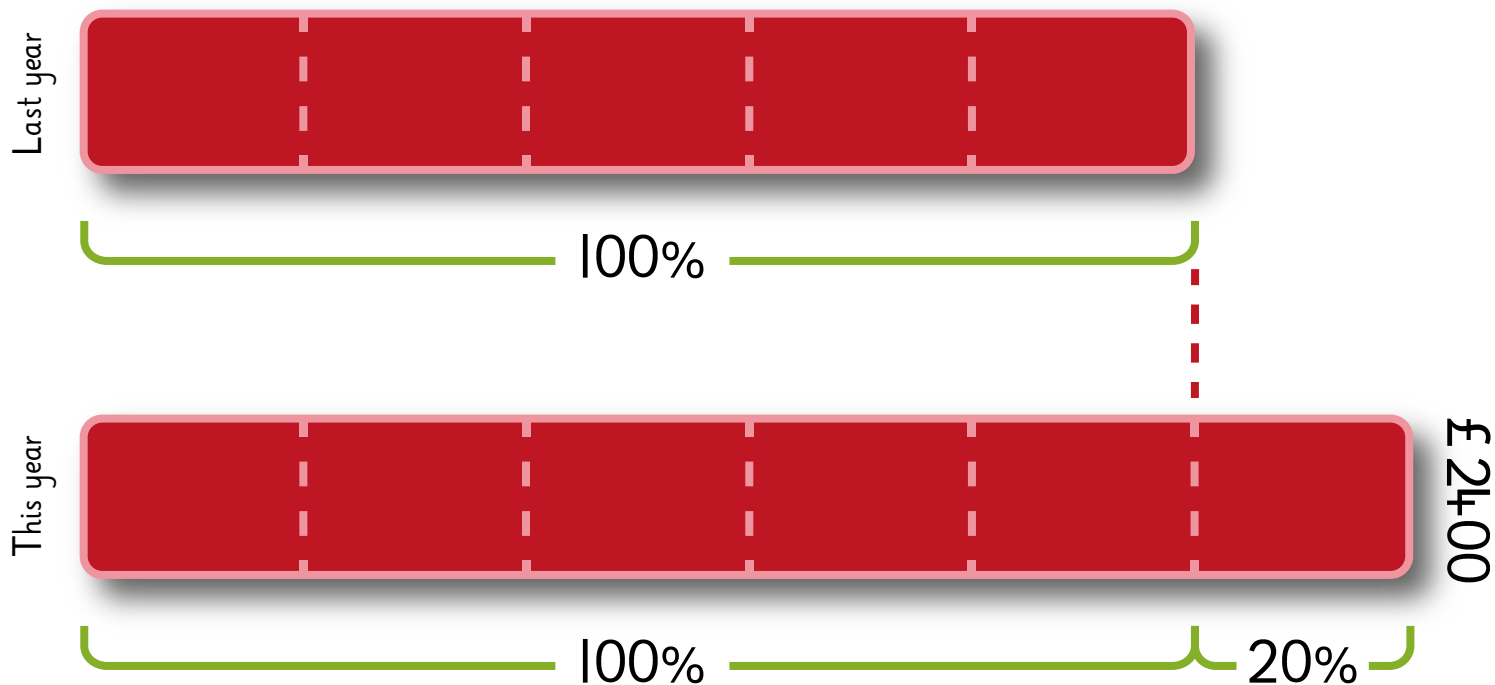


HYDRO BILL	
123 Streamside St, Hampton, Westmore ZF100E	
CUSTOMER: David Jones 123 Streamside St Hampton, Westmore ZF100E	
BILLING SUMMARY: 000123 Previous Balance: £ 150.00 Total Payments (incl. credit): £ -100.00 Balance Forward: £ 5.00 Total Current Utility Charges: £ 195.00	
ACC. 32356-789 Billing Date: JUNE 17, 2012 Billing Cycle: HALF YEARLY Customer Number: 001123 Meter ID: ZF100E	
ELECTRICITY Meter Number: 12345 Billing Period: NOV 01, 2011 - MAY 31, 2012 Meter Reading: 12345 Previous Reading: 12345 Difference: 0 Meter Allowance: £ 1.00 Meter Charge: £ 1.00 Meter Rental: £ 1.00 Meter Service Charge: £ 1.00 Total Meter & Sewer Charge: £ 4.00	
WATER Meter Number: 98765 Billing Period: NOV 01, 2011 - MAY 31, 2012 Meter Reading: 98765 Previous Reading: 98765 Difference: 0 Meter Allowance: £ 1.00 Meter Charge: £ 1.00 Meter Rental: £ 1.00 Meter Service Charge: £ 1.00 Total Meter & Sewer Charge: £ 4.00	
TOTAL CHARGES: £ 131.12	

You know that $100\% + 20\% = £2400$.

HINT

ACTIVITY 17 - BAR MODEL



We see that 120% is £2400, so if we divide the whole bar into 20% sections, we have 6 sections. Each section therefore represents £400 of the total £2400. The bar for last year should be divided into the same 20% sections. This bar represents 5 x 20% (or 5 x £400). So, it shows us what last year's bill was.