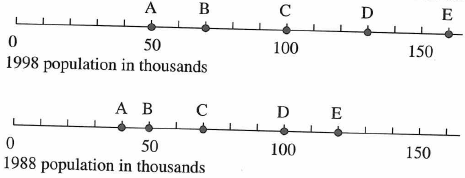
**Year 7 Percentages Homework – Basic Percentages**

Ensure full working is shown.

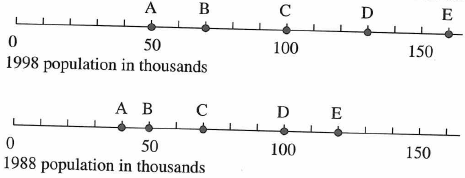
1. Calculate (using a non-calculator method) 38% of 350.
2. A car originally worth £30,000 falls in value by 22%. What is its new value?
3. What is 20% of 30% of 40% of 125?
4. Max successfully completed 5 of his 13 chores. What percentage is that? Give your answer correct to 2 decimal places.
5. The population of Tiffin Boys increased from 1025 to 1165 from one year to the next. What percentage increase was this?
6. Bob ate 7 pies an hour continuously over the period of a week. Dave ate 8 pies an hour over the period of 5 days. What percentage less pies did Dave eat than Bob?
7. A square with area 100cm2 has its length and width each increased by 10%. What is its new area? (Be careful!)

* [IMC 2000 Q20] The populations of five cities A, B, C, D, E in 1988 and 1998 are shown on these scales.  
    
  Which of the five cities showed the largest percentage increase in population from 1988 to 1998?  
  A B C D E

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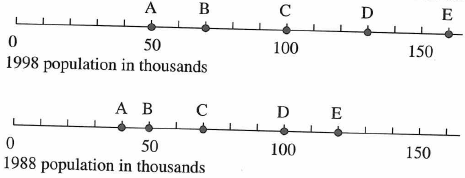
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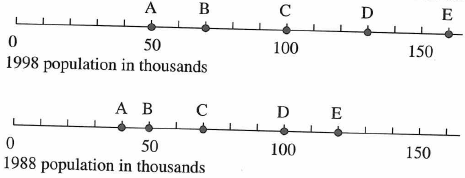
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