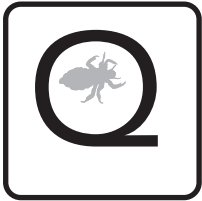
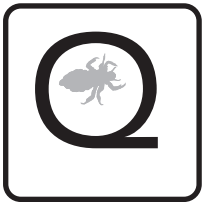


# Keeping Head Lice in Proportion

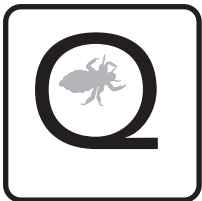
## Questions and Answers



There are 3000 children under 11 years old in Acton town. 500 of them have head lice. What proportion of the Acton Town children under 11 years have head lice?



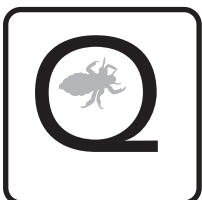
What is the ratio of Acton Town children under 11 years with head lice to those who don't have head lice?



1: 300 children under 11 years old in Acton Town will get head lice before their eleventh birthday. How many children is that?



10% of the 50,000 grown ups in Acton Town have had head lice some time in their lives. What is the exact number of grown ups in Acton Town who have had head lice? And what proportion of grown ups in Acton Town have not had head lice?

1 in 4 teenagers in Downby Town have head lice at some time in their lives, compared with 30% of the teenagers in Halton Town and  $\frac{1}{5}$ th of teenagers in Carlton Town. Which of the three towns has the highest proportion of teenagers who have had head lice?

