



Fraction word problems

1. There are 24 hours in a day and scientists tell us that we should sleep for $\frac{3}{8}$ of the day. How much time should we spend sleeping?
2. The National History Museum has collected 125 dinosaurs. George has collected $\frac{3}{5}$ of this amount. How many dinosaurs has George collected?
3. Mr Murrin is 160cm tall and his brother Tom is $\frac{7}{8}$ as tall as him. How tall is Tom?
4. The weather forecaster says that it is $20^{\circ} C$ in London but only $\frac{7}{10}$ as hot in New York. How hot is it in New York?
5. Skateboards cost £36 each in my local store. The shopkeeper says if I buy one I can buy another for only $\frac{7}{9}$ of the normal price. How much would a second skateboard cost?